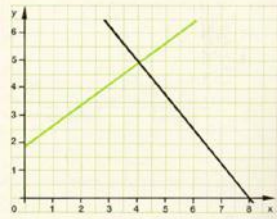


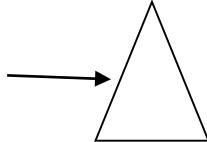
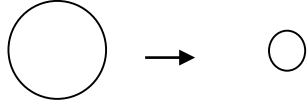
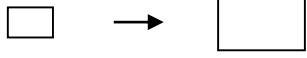
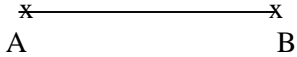
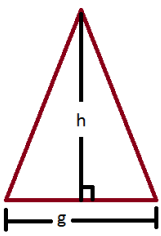
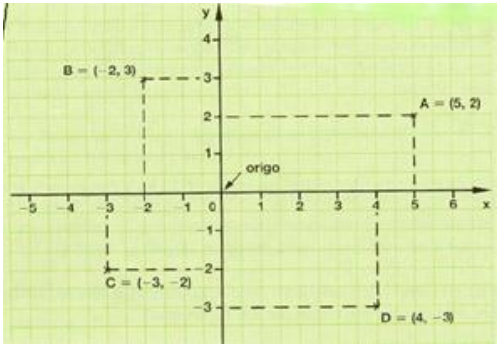



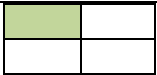
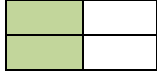
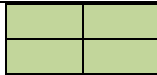
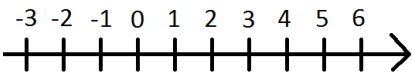
NORSK	ENGLISH	EKSEMPEL						
<u>DIAGRAM</u>	<u>DIAGRAM</u>							
Mal	Template							
Tabell	Table	<table border="1"> <thead> <tr> <th>Vunnet</th> <th>Tapt</th> <th>Uavgjort</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> <td>4</td> </tr> </tbody> </table>	Vunnet	Tapt	Uavgjort	3	2	4
Vunnet	Tapt	Uavgjort						
3	2	4						
Søylediagram	Bar chart							
Stolpediagram	Bar chart							
Sirkeldiagram/ sektordiagram	Pie chart/pie graph							
Linjediagram	Line chart/line graph							
Gjennomsnitt	Mean/mean value/average	<p>Gjennomsnittet (kalt G) av tallene 20, 15, 10 og 15 regnes ut ved å finne summen av tallene og dele på antall verdier.</p> $G = \frac{Sum}{Antall} = \frac{20+15+10+15}{4} = \frac{60}{4} = \underline{\underline{15}}$						

Median	Median	<p>Medianen til 8, 15, 3, 12 og 5 finner man ved å sortere tallene i rekkefølge, og finne det midterste tallet.</p> <p>8, 15, 3, 12, 5 sortert blir 3, 5, 8, 12, 15 $Median = \underline{\underline{8}}$</p> <p>Hvis antall verdier er et partall (to tall er i midten), finner man medianen ved å ta gjennomsnittet av de to midterste tallene.</p> <p>4, 12, 1, 7 sortert blir 1, 4, 7, 12 $Median = \frac{4+7}{2} = \underline{\underline{5,5}}$</p>
Sannsynlighet	Probability	<p>Sannsynligheten for å få et billedkort når man trekker et vilkårlig kort fra en vanlig kortstokk finner vi ved å finne antall gunstige utfall (de vi vil ha) og dele på antall mulige utfall (de vi kan få).</p> <p>Det finnes 16 billedkort (knekt, dame, konge og ess i spar, hjerter, kløver og ruter) i en vanlig kortstokk med 52 kort.</p> $Sannsynlighet = \frac{Gunstige}{Mulige} = \frac{16}{52} = \underline{\underline{0,31}}$
x-akse	x-axis	<p>y-akse</p>  <p>x-akse</p>
y-akse	y-axis	Se eksemplet ovenfor!

NORSK	ENGLISH	EKSEMPEL
<u>MÅLESTOKK</u>	<u>SCALE</u>	
Kart	Map	
Avstand	Distance	 <p>Avstanden fra sørspissen til nordspissen på øya Ylvingen er 6,23 km.</p>
Objekt	Object	
Lengde	Length	<p>Lengden til siden i trekanten er 2 cm</p> 
Brøkform	Fraction form	$\frac{3}{4}$
Desimalform	Decimal form	0,75
Prosentform	Percent form	60%
Naturlig størrelse	Actual size/life size	

Forminske	Reduce	
Forstørre	Enlarge	
Linjestykke/ linjesegment	Line segment	
Virkelighet	The real world	

NORSK	ENGLISH	EKSEMPEL
<u>LIGNINGER</u>	<u>EQUATIONS</u>	
Formel	Formula	<p>Arealet til en trekant (A) er gitt ved formelen:</p> $A = \frac{g \cdot h}{2}$ <p>der g kalles grunnlinje og h kalles høyde.</p> 
Koordinatsystem	Coordinate system	
Variabel	Variable	<p>Størrelse som kan variere. Kalles ofte x, y, a, b, c osv.</p> <p>I $f(x) = 2x + 3$ er x en variabel som vi kan endre verdien til.</p>
Konstant	Constant	<p>En størrelse som er fast (endrer seg ikke). For eksempel $\pi = 3,1415926\dots$</p>
Høyre side (HS)	Right hand side (RHS)	$10 + Y = \underline{22}$
Venstre side (VS)	Left hand side (LHS)	$\underline{10 + Y} = 22$
Løsning/rot	Solution/root	<p>x = 5 er en løsning/rot til ligningen</p> $6x + 7 = 37$ <p>siden $6 \cdot 5 + 7 = 37$</p>
Parenteser	Parentheses	$(24 + 3) \cdot 5$ <p style="text-align: center;">↑ ↑</p>
Størrelse	Quantity	<p>For eksempel masse, tid eller lengde. Størrelser kan sammenlignes og være "større enn", "lik" eller "mindre enn".</p>
Tid	Time	3 minutter og 8 sekunder

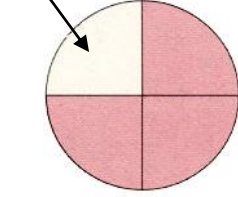

NORSK	ENGLISH	EKSEMPEL
<u>BRØK</u>	<u>FRACTION</u>	
Brøk	Fraction	$\frac{2}{3}$
Brøkestrek	Fraction bar	— eller /
Teller	Numerator	$\frac{2}{3}$ ←
Nevner	Denominator	$\frac{2}{3}$ ←
Brøkform	Fractional form	$\frac{3}{4}$
Blandet tall	Mixed form/fraction in mixed form	$1\frac{3}{4}$
Del	Part	
Hundreddel	One hundredth	$\frac{1}{100}$ (en hundreddel), $\frac{2}{100}$ (to hundreder) osv
En fjerdedel	One fourth	$\frac{1}{4}$
Kvart	Quarter (a quarter of)	$\frac{1}{4}$ 
Halv	Half	$\frac{1}{2}$ 
Hel	Whole	$\frac{1}{1}$ 
Forenkle en brøk/ forkorte en brøk	Simplify a fraction/ reduce a fraction	$\frac{6}{8} = \frac{6:2}{8:2} = \frac{3}{4}$
Utvide en brøk	Expand a fraction	$\frac{1}{8} = \frac{1 \cdot 5}{8 \cdot 5} = \frac{5}{40}$
Tallinje	Number line	

NORSK	ENGLISH	EKSEMPEL
<u>ADDISJON</u>	<u>ADDITION</u>	+
Addere/pluss	Add up/plus	$4 + 9 \equiv \underline{\underline{13}}$
Legge sammen	Put together	
Legge til	Add	
Øke	Increase	
Addisjonstegn/plusstegn	Plus sign	+
Sum	Sum/total	$3 + 3 = \underline{\underline{6}}$
Ledd	Term	$\underline{2} + \underline{5} = 7$
Sammenlagt	A total of	
Tilsammen	Altogether	
Begge	Both	
Positive tall	Positive numbers	1, 2, 3, 4
Negative tal	Negative numbers	-1, -2, -3, -4
Hele tall	Whole number (integer)	..., -1, -2, -3, 0, 1, 2, 3, ...
Oppstilling	Putting up	$\begin{array}{r} 80 \\ + 16 \\ \hline = 96 \\ \hline \hline \end{array}$
Minnetall	Carried number	$\begin{array}{r} \xrightarrow{1} 56 \\ + 95 \\ \hline = 151 \\ \hline \hline \end{array}$
Oppstilling med minnetall	Positioning with a carried number	$\begin{array}{r} 1 \\ 6 \\ + 9 \\ \hline = 15 \\ \hline \hline \end{array}$
Utvidet form	Expanded form	$273,5 = 200 + 70 + 3 + 0,5$
Vanlig form	Common form	273,5

NORSK	ENGLISH	EKSEMPEL
<u>SUBTRAKSJON</u>	<u>SUBTRACTION</u>	-
Subtrahere (trekke fra)	Subtract	$5 - 3 = 2$
Minus/subtraksjon	Minus	$10 - 3 = 7$
Subtraksjonstegn/ minustegn	Subtraction sign	—
Differanse	Difference	$5 - 3 = \underline{2}$
Ledd	Term	$\underline{29} - \underline{10} = 19$
Minske/trekke fra	Deduct/take away	
Minske med	Reduce by	
Lengre enn	Longer than	
Kortere enn	Shorter than	
Sammenligne	Compare	$4 > 2$ (4 er større enn 2) $8 < 14$ (8 er mindre enn 14)
Mangler	Missing	$10 - \dots = 8$
Rest	Remainder	Det som blir igjen
Veksle	Change	
Ytterligere	Additional	

NORSK	ENGLISH	EKSEMPEL
<u>MULTIPLIKASJON</u>	<u>MULTIPLICATION</u>	·, *, •, ×
Gange/multiplisert med	Times/multiplied by	4 · 14 = 56
Multiplisere	Multiply	
Multiplikasjonstegn/ gangetegn	Multiplication sign	·, *, •, ×
Produkt	Product	10 · 3 = <u>30</u>
Faktor	Factor	<u>10</u> · <u>3</u> = 30
Multiplikasjonstabell	Multiplication table	
Minnetall	Carried number	$ \begin{array}{r} \xrightarrow{1} \\ \underline{23 \cdot 4} \\ = \underline{\underline{92}} \end{array} $
Gjentatt addisjon	Repeated addition	4 + 4 + 4 = 12


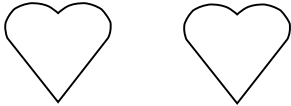


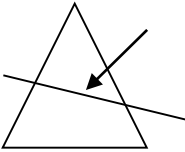
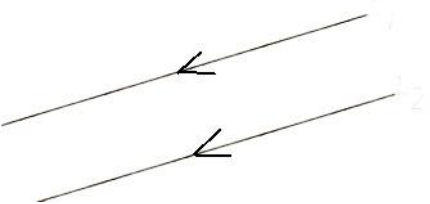
NORSK	ENGLISH	EKSEMPEL
<u>DIVISJON</u>	<u>DIVISION</u>	: , ÷ , / , —
Dividere/dele	Divide	$20 : 2 = 10$
Kvotient	Quotient	$22 / 2 = \underline{11}$
Brøkstrek	Fraction bar	—
Teller	Numerator	$\frac{3}{5}$ ←
Nevner	Denominator	$\frac{3}{5}$ ←
Tall på brøkform	Number in fraction form	$\frac{15}{5}$
Tall på desimalform	Number in decimal form	30,521
Forenkle	Simplify	$\frac{14}{56} = \frac{14 : 14}{56 : 14} = \frac{1}{4}$
Hvor mange ganger går ___ opp i ___ ?	How many times does ___ go into ___ ?	Hvor mange ganger går 3 opp i 18? $18 : 3 = \underline{\underline{6 \text{ ganger}}}$
Primtall	Prime number	2, 3, 5, 7, 11, 13, 17, 19
Rest	Remainder	Det som er igjen

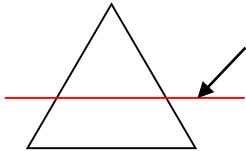

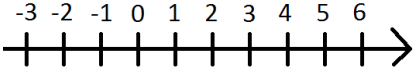


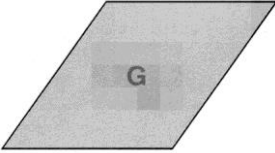
NORSK	ENGLISH	EKSEMPEL
<u>PROSENT</u>	<u>PER CENT</u>	
Brøkform	Fraction form	1/2
Desimalform	Decimal form	0,50
Prosentform	Percent form	50%
Prosent fordeling	Percent distribution	
Prosent (hundredel)	Percent	%
Promille (tusendel)	Per thousand	‰
Deler per million/ milliondel (ppm)	Parts per million (ppm)	0,000001
Tiendel	Tenth	$\frac{1}{10}$
En fjerdedel av det hele	One fourth of the whole	<p>Hvor mye er en fjerdedel av 100?</p> $\frac{1}{4} \cdot 100 = \underline{\underline{25}}$
Halvparten	One half of	1/2 
Hundredel	One hundredth	$\frac{1}{100}$
Rente	Interest	Når man låner penger av en bank, betaler man rente til banken. Sparer man penger i en bank, får man renter av banken.
Rentesats	Interest rate	For eksempel 5 % rente på sparekontoen.

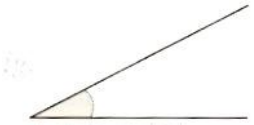
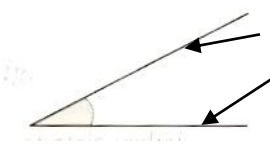
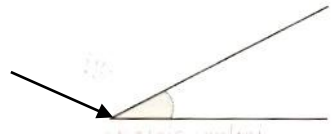

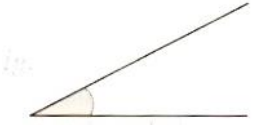

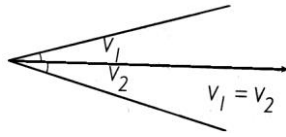

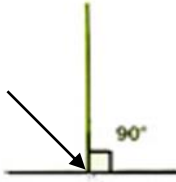
NORSK	ENGLISH	EKSEMPEL
<u>PRISER OG PENGER</u>	<u>PRICE & MONEY</u>	
Pris	Price	
Pris	Fare	Brukes vanligvis om transportkostnader, for eksempel prisen for en bussbillett
Bruttopris	Gross price	Pris uten avslag
Nettopris	Net price	Pris med avslag
Vare	Goods/commodity	Brukes om noe man kan kjøpe, for eksempel et eple i dagligvarebutikken
Veiledende utsalgspris	Recommended retail price	Prisen fabrikken/grossisten anbefaler butikken å selge varen for.
Verdi	Value	
Dyr, dyrere, dyrest	Expensive, more expensive, most expensive	
Billig, billigere, billigst	Cheap, cheaper, cheapest	
Telling	Counting	
Handle	Trade	
Selge	Sell	
Hvor mye koster det?	How much does it cost?	
Kasse	Register/checkout	
Kjøpe	Buy/purchase	
Betale	Pay	
Beløp	Amount/sum	500 kr
Veksel	Bill of exchange	
Veksle	Change	
Få tilbake	Get change for	
Ha igjen/rest	Left/remainder	
Tilbakebetaling	Refund	
Tilbake	Back/backwards	

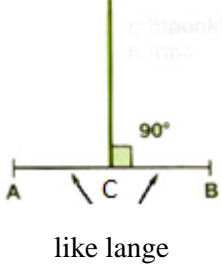
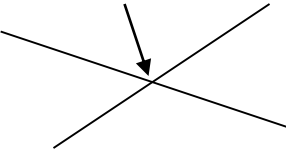
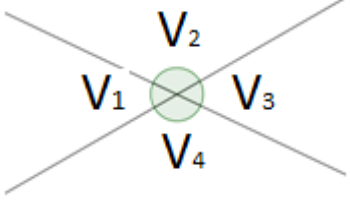
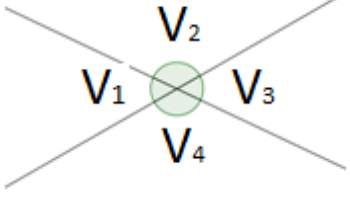
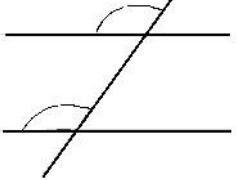
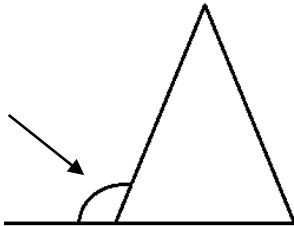
Kvittering	Receipt	
Salg	Sale	Tidsbegrenset kampanje i butikk med redusert pris på en eller flere varer
Spesialtilbud	Special offer/bargain price	
Nedsatt pris	Reduced price	Billigere/nedsatt pris
Rabatt	Discount/rebate	Redusert pris
Rabattkupong	Discount coupon	
Penger	Money	
Seddel	Note	
Mynt	Coin	
Krone	Krone	NOK (Norwegian krone)
Enkrone	One krone	1 kr (1NOK)
Femkrone	Five krone	5 kr (5 NOK)
Femtikronerseddel/ femtilapp	Fifty krone note	50 kr (50 NOK)
Hundrekronerseddel/ hundrelapp	One hundred krone note	100 kr (100 NOK)
Tjene	Earn	
Fortjeneste/inntjening	Earnings	
Tjene på/vinne på	Gain/win	
Avtale/oppgjør	Settlement	
Fortjene	Deserve/merit	
Bonus	Bonus	
Miste	Lose	
Kontant	Cash	
Sjekk	Check	
Faktura/regning	Invoice/bill	
Giro	Direct deposit	Overføre penger ved bruk av giro

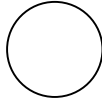
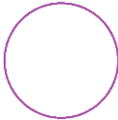
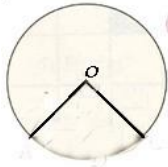
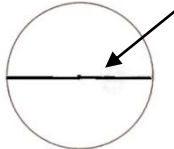
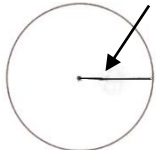
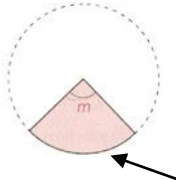

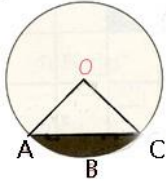
Minibank	ATM/money machine	
Bankkort	Debit card	
Kredittkort	Credit card	
Kreditt	Credit	
Debitere	Debit/charge	
Spare	Save	
Låne	Borrow	
Rente	Interest	Når man låner penger av en bank, betaler man rente til banken. Sparer man penger i en bank, får man renter av banken.
Gjeld	Debt	
Skyldig	Guilty	
Betale et avdrag	Pay an installment	
Skatt	Tax	Beløp man betaler til staten. Størrelsen avhenger av inntekt/formue.
Øke	Raise/increase	
Stige	Rise	
Stigning	Increase/rise	
Synke	Sink/fall	
Senke	Reduce/drop	
Avrunding til nærmeste hele	Round off to the nearest	28.99 Kr = 29 Kr
Overslagsregning	Rounding off	Brukes når man ikke er avhengig av et helt nøyaktig resultat. 23 kr + 19 kr \approx 20 kr + 20 kr = 40 kr

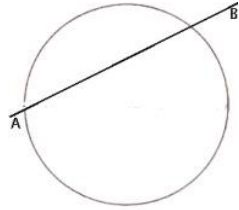
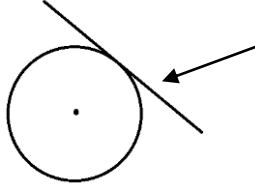
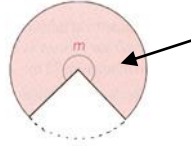
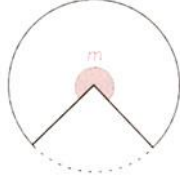

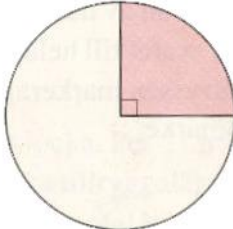
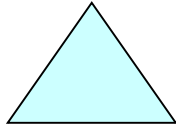
NORSK	ENGLISH	EKSEMPEL
<u>GEOMETRI</u>	<u>GEOMETRY</u>	
Figur	Figure	
Like	Similar	 <p>Hjertene er helt like i størrelse og form.</p>
Objekt	Object	
Punkt	Point	
Startpunkt	Starting point	
Endepunkt	Ending point	
Bevegelig punkt	Movable point	
Linje	Line	
Rett	Straight	
Diagonal	Diagonal	
Transversal	Transversal	
Parallelle	Parallel	


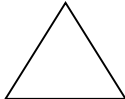
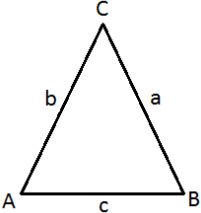
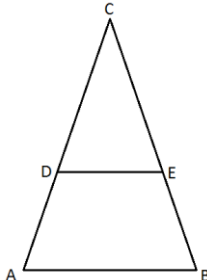
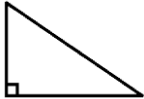
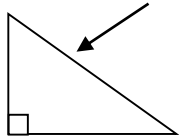
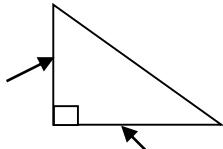
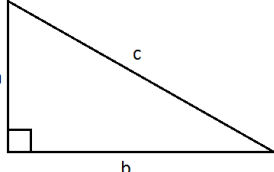
Parallelltransversal	Transverse parallel	
Kurve	Curve	
Stråle	Ray	
Tallinje	Number line	
Område	Region/area	
Fargelagt	Coloured	Figuren er fargelagt med grønn, gul, rød og blå. 
Skravert	Hatched	 Figuren er skravert
Skygget	Shaded	
Lommeregner/ kalkulator	Calculator	
Måle	Measure	
Bredde	Breadth	
Høyde	Height	
Lengde	Length	
Justering, innstilling	Adjustment, setting	
Passer	Compass	
Grader	Degrees	60°, 90°, 135°, 360°
Gradskive	Protractor	Brukes til å måle hvor mange grader en vinkel er.
Pi (π)	Pi	$\pi = 3,1415926 \dots$

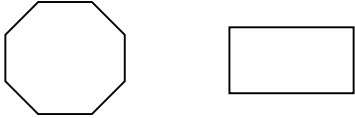
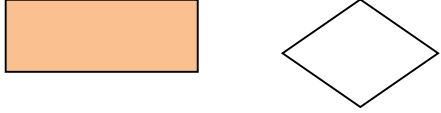
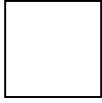


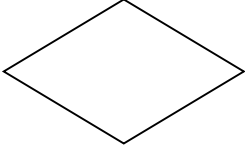
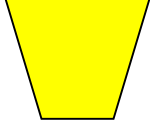
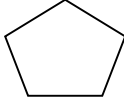
Vinkel	Angle	
Vinkelben	Side of an angle	
Toppunkt	Vertex of an angle	
Rett vinkel	Right angle	En rett vinkel er alltid 90° . 
Spiss vinkel	Acute angle	 Vinkelen som er mindre enn 90°
Stump vinkel	Obtuse angle	 Vinkel som er større enn 90°
Halvere	Bisect	
Normal	Normal	
Fotpunkt	Footpoint	

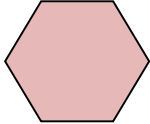
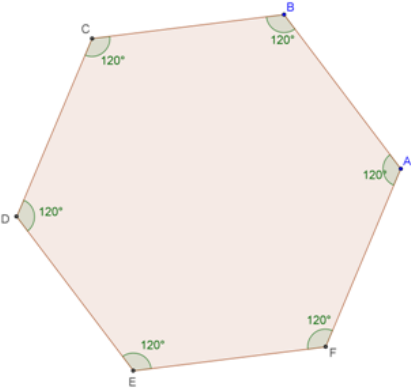
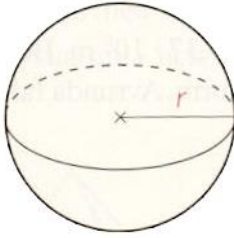
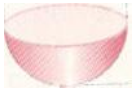
<p>Midtpunkt</p>	<p>Centre point</p>	<p>C er midtpunktet til linjestykket AB</p>  <p>like lange</p>
<p>Skjæringspunkt</p>	<p>Intersection</p>	
<p>Toppvinkler</p>	<p>Vertical angles</p>	 <p>V₁ og V₃ er toppvinkler. Det er også V₂ og V₄.</p>
<p>Nabovinkler</p>	<p>Adjacent angles</p>	 <p>V₁ og V₄ er nabovinkler. Det er også V₁ og V₂, V₂ og V₃ og V₃ og V₄.</p>
<p>Samsvarende vinkler</p>	<p>Corresponding angles</p>	
<p>Ytterninkel/ utvendig vinkel</p>	<p>Exterior angle</p>	

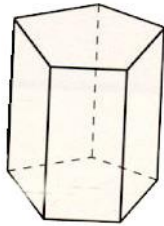
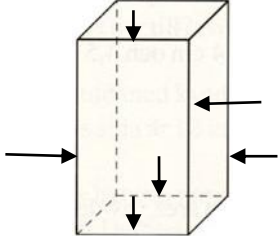
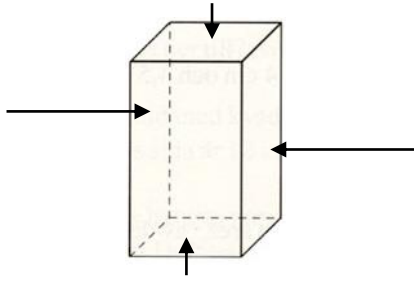
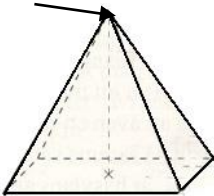
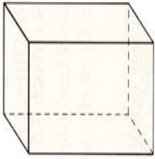
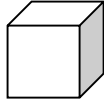
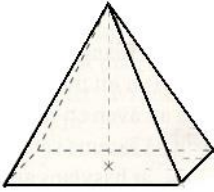
Arealenhet/ enhet for areal	Unit of area	km ² (kvadratkilometer), m ² (kvadratmeter)
Sirkel	Circle	
Perimeter (omkrets)	Perimeter (circumference)	Omkretsen til en sirkel er lengden rundt sirkelens ytterkant. 
Sentrum	Centre	O er sentrum i sirkelen 
Diameter	Diameter	
Radius	Radius	
Sirkelbue	Arc	
Korde	Chord	 AC kalles korden til sirkelen
Segment (sirkelsegment)	Segment	 Området ABC er et sirkelsegment.

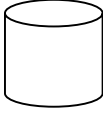

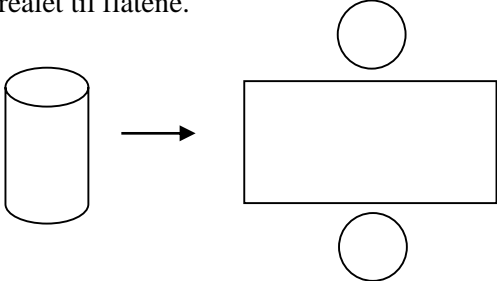
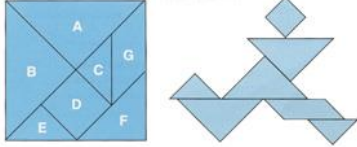
Sekant	Secant	Linje AB er en sekant 
Tangent	Tangent	
Sektor	Sector	
Midtpunktsvinkel	Central angle (angle at the centre of a circle)	m kalles midtpunktsvinkel (vinkel med toppunkt i sirkelens sentrum og vinkelbein som er like lange som sirkelens radius) 
Halvsirkel	Semicircle	
Kvartsirkel	Quarter circle	
Trekant	Triangle	

Likebent trekant	Isosceles triangle	
Likesidet trekant	Equilateral triangle	Trekant der alle sidene er like lange og vinklene er like store (60°). 
Motstående side	Opposite side	Side a i trekanten er motstående til vinkel A (∠ A) 
Topptrekant	Upper triangle	
Rettvinklet trekant	Right triangle	
Hypotenus	Hypotenuse	
Katet	The two small sides of a right angled triangle	
Pytagoras setning	Pythagorean theorem	$a^2 + b^2 = c^2$ 

Polygon	Polygon	
Firkant	Quadrilateral/quadrangle	
Kvadrat	Square	 Firkant der alle sider er like lange og alle vinkler er like store (90°).
Parallelogram	Parallelogram	
Rektangel	Rectangle	
Rombe	Rhomb	
Trapes	Trapezoid/trapezium	
Femkant	Pentagon	

Sekskant	Hexagon	
Vinkelsummen	Angle sum/sum of angles	 <p>Summen av vinklene i en regulær sekskant er $120^\circ \cdot 6 = \underline{\underline{720^\circ}}$</p>
Rommet	Space	
Romgeometri	Solid geometry	
Volum	Volume	<p>Sier hvor stor plass et objekt tar i rommet.</p> <p>For eksempel tar en terning hvor alle sidene er 1 dm, opp 1 dm³ eller en kubikkdesimeter av rommet.</p>
Volumenhet/ enhet for volum (kubikkenhet)	Unit of volume (cubic unit)	dm ³ (kubikkdesimeter), m ³ (kubikkmeter)
Ball, kule	Ball, sphere	
Halvkule	Hemisphere	

Prisme	Prism	
Sidekant	Edge/side	
Sideflate	Face	
Topp/toppunkt	Vertex	
Rettvinklet parallellepiped	Rectangular parallellepiped	Et rettvinklet parallellepiped kalles en kube dersom alle sideflatene er like store 
Kube	Cube	
Pyramide	Pyramid	

Sylinder	Cylinder	
Kjegle	Cone	
Overflate	Surface	Overflaten til en terning er det man kan ta på, altså den ytre/utvendige avgrensningen.
Overflateareal	Surface area	Overflatearealet til en sylinder finner man ved å dele opp sylinderen og regne ut arealet til flatene. 
Tangram	Tangram	 Tangram er et kvadrat som består av sju biter med ulike former. Man kan lage ulike figurer av bitene.
Kvadratrot	Square root	$\sqrt{\quad}$ $\sqrt{16} = 4$ siden $4^2 = 16$