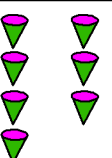
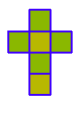









# Shapes Maths 2 (primary)

<b>S<sub>apes</sub> D<sub>c</sub></b> 	<b>S<sub>apes</sub> E<sub>c</sub></b> 	<b>S<sub>apes</sub> F<sub>c</sub></b>  ? faces	<b>S<sub>apes</sub> 10c</b> 	<b>S<sub>apes</sub> 11c</b> 	<b>S<sub>apes</sub> 12c</b> Mixed no. = topheavy $1\frac{5}{7} = \frac{\square}{\square}$ 	<b>S<sub>apes</sub> 14c</b> $0.07 = \frac{\square}{\square}$ 	<b>S<sub>apes</sub> 16c</b> Half past 9 in the evening in 24 hr. digital. 	<b>S<sub>apes</sub> 18c</b> The price of a scarf was reduced from €30 to €24. What is the % reduction? 
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

## 12 Card games.

**Shapes Dc :** The player must be able to identify various shapes. These games are suitable for pupils of any age. They are suitable for very young children who are learning to count but can be played by any age group to help in development of game strategy and mental agility.




**Shapes Ec + Fc :** The player has to identify shapes and know the properties of these shapes.

**Shapes 10c - 18c :** These are suitable for Classes 4,5 + 6 - most topics covered.

**Shapes 13b**

Shirts were €70. 50% reduction. New price?	50% = $\frac{\square}{\square}$	1 year = $\square$ weeks	1 Km. = $\square$ m.	Move to Octagon, Row 7.	1 year = $\square$ days	Petrol used €1.50. 30% increase. New price?
25% = $\frac{\square}{\square}$		1.5 Kg. = $\square$ g.	1 Km. = $\square$ m.	Move to Oval, Row 6.	1 litre = $\square$ ml.	1 m. = $\square$ cm.
30% = $\frac{\square}{\square}$		0.4 l. = $\square$ ml.	Correct 3.58 to one decimal place	7 min. 11.90am - 12.00pm	70% = 0.?	65% = $\frac{\square}{\square}$
Move to Row 3, Column 6.	A leap year has $\square$ days	1.2 m. = $\square$ cm.	7 min. 11.90am - 12.00pm	7 min. 11.90am - 12.00pm	7 min. 11.90am - 12.00pm	7 min. 11.90am - 12.00pm
30% = $\frac{\square}{\square}$	1.2 cm. = $\square$ mm.	Move to Trapezium, Row 2.	13 : 25	Move to Circle, Row 7.	2 Kg. = $\square$ g.	2 Kg. = $\square$ g.
20 past 6, morning, in 24 hour digital	Move to Pentagon, Column 1.	40% = 0.?	60% = $\frac{\square}{\square}$	Correct 232 to the nearest whole number	7 min. 11.90am - 12.00pm	7 min. 11.90am - 12.00pm
Move to Parallelogram, Row 4.	Hats were €40. 30% reduction. New price?	1 cl. = $\square$ ml.	1.2 cm. = $\square$ mm.	Move to Trapezium, Row 2.	13 : 25	Move to Circle, Row 7.

**Shapes 18b**

$\frac{2}{5} = \frac{\square}{\square}$	What is the smallest prime number	Move to Hexagon, Row 7.	$c = -1$ $d = 3$ $4c + d = \square$	H.C.F. of 18 and 45	L.C.M. of 6 and 4	$\frac{A}{B} = \frac{\square}{\square}$
		Move to Parallelogram, Row 5.	What decimal fraction is $\frac{15}{100}$ ?	Divide 80 in the ratio 4 : 3 : 1	Find average of 9, 5, 6, 8	Correct 537 to one decimal place
Round 95 to the nearest 10	Correct 99 to the nearest whole number	What decimal fraction is $\frac{15}{100}$ ?	Divide 80 in the ratio 4 : 3 : 1	Find average of 9, 5, 6, 8	Correct 537 to one decimal place	Correct 537 to one decimal place
Move to Row 3, Column 6.	The original numbers are 11 and 7. What is the other number?	7 min. 11.90am - 12.00pm	35% = $\frac{\square}{\square}$	14 = $\frac{\square}{\square}$	5x + 2 = 17	x = $\square$
$\frac{4}{5} = \frac{\square}{\square}$	$\frac{4}{5} = \frac{\square}{\square}$	Move to Trapezium, Row 2.	55% = 0.?	Move to Trapezium, Row 2.	Move to Trapezium, Row 2.	Move to Trapezium, Row 2.
Shirts were €44. 25% reduction. New price?	Move to Semi-circle, Column 1.	0.09 = $\frac{\square}{\square}$	34.672	What is the value of the underlined digit?	17 = $\frac{\square}{\square}$	The price of a scarf was reduced from €30 to €24. What is the % reduction?
Move to Oval, Row 5.		0.09 = $\frac{\square}{\square}$	34.672	What is the value of the underlined digit?	17 = $\frac{\square}{\square}$	The price of a scarf was reduced from €30 to €24. What is the % reduction?

## 11 Board games

**Shapes Db + Eb** are based totally on shapes. All games are played using a die like traditional board games. **Shapes 10b - 18b** relate to the corresponding card games.

**Shapes Assessment 12A**

$\frac{2}{3}$ of 27	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7
$\frac{2}{3}$ of a number .18	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$
$\frac{5}{8}$ of a number .25	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$
$\frac{3}{8}$ of 56	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$
$\frac{2}{3}$ of a number .18	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$
$\frac{2}{3}$ of a number .18	$\frac{4}{8} = \frac{\square}{\square}$	$\frac{1}{2}$ of a number .7	$\frac{4}{8} = \frac{\square}{\square}$

**Shapes Assessment 16A**

$x + 5 = 13$	$x - 2 = 11$	$6x = 42$	$x^2 = 9$
$x = \square$	$x = \square$	$x = \square$	$x = \square$
$3x + 2 = 5$	$x^2 = 8$	$x + 6 = 31$	$x = 2$ $y = 4$
$x = \square$	$x = \square$	$x = \square$	$2x + y = \square$
$a = 3$ $b = 4$	$x = 2$ $5x + y = 13$	$y = 3$ $4x - y = 17$	Half past 9 in the evening in 24 hr. digital.
$2a - b = \square$	$y = \square$	$x = \square$	Half past 9 in the evening in 24 hr. digital.
Half past 8 in the morning in 24 hr. digital.	Half past 11 in the evening in 24 hr. digital.	23.35	07.50
Half past 3 in the afternoon in 24 hr. digital.	Half past 12 in the afternoon in 24 hr. digital.	15.30	09.15

**Shapes Assessment 18B**

35% = $\frac{\square}{\square}$	$1\frac{7}{9} = \frac{\square}{\square}$	$5x + 2 = 17$	$9^2 = \square$
Ans. $\square$	Ans. $\square$	Ans. $\square$	Ans. $\square$
77% = 0.?	$\frac{4}{5} = \frac{\square}{\square}$	$\frac{5}{6} = \frac{\square}{\square}$	7 min. 11.20am - 12.00pm
Ans. $\square$	Ans. $\square$	Ans. $\square$	Ans. $\square$
Petrol used €1.50. 30% increase. New price?	Shirts were €44. 25% reduction. New price?	$\sqrt{4} - 7 = \square$	perimeter?
Ans. $\square$	Ans. $\square$	Ans. $\square$	Ans. $\square$
ans?	This is a set of which 3-D shape?	$\frac{6}{8} = \frac{\square}{\square}$	This is a set of which 3-D shape?
Ans. $\square$	Ans. $\square$	Ans. $\square$	Ans. $\square$
0.19 = $\frac{\square}{\square}$	1,2,4,8, $\square$	What is the value of the underlined digit?	$\frac{15}{4} = \frac{\square}{\square}$
Ans. $\square$	Ans. $\square$	Ans. $\square$	Ans. $\square$

Assessments 10 - 18 (photocopiable) which are based on the corresponding card/board games can be used for testing/revision and are invaluable for student records.