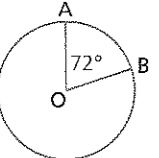
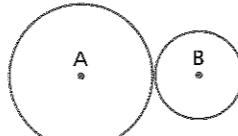
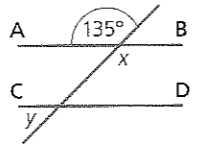
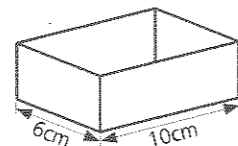


- A Answer**
- $10 \times 10 \times 10 \times 10 \times 10 =$ 100 000
 - $67p \times 6 = \text{£}$ 4.02
 - $(49 + 8) = 100 -$ 43
 - 90% of £300 = £270
 - $5l \div 8 =$ ml 625ml
 - $10 - 7\frac{3}{10} =$ 2 $\frac{7}{10}$
 - $0.246 = 2$ tenths + thousandths 46 thousandths
 - $a \frac{3}{25} =$ % a 12%
 $b 0.07 =$ % b 7%
 - $1.25\text{kg} - 600\text{g} =$ g 650g
 - nine 5ps + three 2ps + three 20ps = £ 1.11
 - $\frac{3}{4}$ of 3.6cm = mm 27mm
 - 2h 49min + 53min = h min 3h 42min

- B Answer**
- By how many is 90 200 less than one hundred thousand? 9800
 - Find the total number of days in February, March and April in a leap year. 90 days
 -  How many degrees in the reflex angle AOB? 288°
 - Find the cost of 90cm of cloth at £3.70 per metre. £3.33
 - How many times is 400g contained in 2.4kg? 6
 - Of these numbers which is the smallest?
1.11 1.01 1.111 1.1 1.01
 - What is the difference in millilitres between 2.8l and 3.7l? 900ml
 - Write as a fraction in its lowest terms.
a £4.50 of £18 a $\frac{1}{4}$
b 5min of 1h b $\frac{1}{12}$
 - A strip of plastic 4m 200mm long is cut into seven equal pieces. Find in millimetres the length of each piece. 600mm
 - Approximate
a £29.50 to the nearest £ a £30
b $\frac{99}{2}p$ to the nearest 1p. b 50p
 - $\frac{9}{5} \times$ Find the sum of money which was divided by 5. £4.65
 - The diameters of two circles are 9.4cm and 15.8cm. What is the radius of each circle in millimetres? 47mm 79mm

- C Answer**
- Which numbers below 50 have both 2 and 7 as factors? 14 28 42
 - What is the date of the third Wednesday in July if 1 July is a Sunday? 18 July
 - | | | | |
|------|------|------|------|
| June | July | Aug | Sept |
| 40mm | 23mm | 42mm | 35mm |

 The monthly rainfall is given in millimetres. Find the mean rainfall for all four months. 35mm
 - 60kg of mortar is mixed from 4 parts of sand and 1 part of cement. Find the mass used of a sand a 48kg
b cement. b 12kg
 - Write this number in words.
 $(7 \times 10^3) + (1 \times 10^2) + (9 \times 10)$
seven thousand one hundred and ninety
 - How many degrees are there in a turn from W to SE
a clockwise a 225°
b anticlockwise. b 135°
 -  The diameter of circle A is 9.4cm. The diameter of circle B is 5.8cm. How far apart are the two centre points in millimetres? 76mm
 - a Find the area of a square with 5cm sides. a 25cm²
b How many times greater is the area of a square with sides double that length? b 4
 - | |
|--------------|
| Stickers |
| 7p each |
| or 6 for 40p |

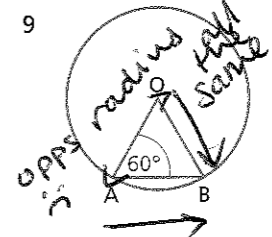
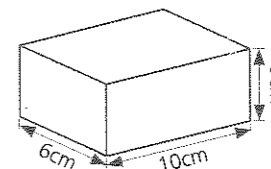
 How much money is saved by buying 24 stickers in groups of six? 8p
 -  AB and CD are parallel lines. Find
a angle x a 135°
b angle y. b 45°
 - Grace won a prize of £800 which she deposited in a bank at an interest rate of 5%. How much interest did she receive at the end of 1 year? £40
 -  a How many cm cubes can be fitted into the bottom of the box? a 60
b If the volume of the box is 240cm³, find its height. b 4cm

- A Answer**
- $55 + 17 =$ 72
 - $£0.95 = 50p + 20p +$ 5ps
 - $2.3\text{m} - 90\text{cm} =$ cm 140cm
 - $1\,000\,000 =$ thousands 1000 Th
= hundreds 10 000 H
 - $380\text{g} \times 9 =$ kg 3.42kg
 - $7 \times y = 7532$. Find y. 1076
 - a 10% of £27 = £ a £2.70
b 1% of £27 = p b 27p
 - $\frac{1}{2} + \frac{3}{8} + \frac{3}{4} =$ 1 $\frac{5}{8}$
 - $2.05\text{l} +$ ml = 2 $\frac{1}{2}$ l 450ml
 - $360^\circ - (75^\circ + 80^\circ + 130^\circ) =$ 75°
 - $\frac{5}{6}$ of £90 = £75
 - $4.07 \times 8 =$ 32.56

- B Answer**
- Which of the numbers are multiples of 4, 6 and 9?
24 36 54 60 72 36 72
 - How many kilometres are there in seventeen hundred metres? 1.7km
 - Decrease €44 by 10%. €39.60
 - How many hours and minutes from 09:48 to 11:19? 1h 31min
 - What fraction in its simplified form is
a the patterned part a $\frac{2}{3}$
b the shaded part b $\frac{1}{4}$
c the unshaded part? c $\frac{1}{12}$
 - Find the cost of 2.25l at 28p per litre. 63p
 - How many biscuits each costing 7p are bought for £2.73? 39
 - Write each score as a percentage.
a 18 out of 20 a 90%
b 35 out of 35 b 100%
 - Five oranges cost 80p. What fraction of 80p will three oranges cost? $\frac{3}{5}$
 - By how many is 300 050 greater than $\frac{1}{4}$ million? 50 050
 - Find $\frac{1}{5}$ of £1.68 to the nearest penny. 34p
 - Find in cm³ the volume of a box 15cm by 10cm by 7cm. 1050cm³

- C Answer**
- Find the missing numbers in this sequence.
0.125, 0.25, 0.375, , 0.5 0.625
 - What number when added to 48 three times gives a total of 120? 24
 - A fruit cake has a mass of 1.5kg. If 40% of the mass is fruit, find the mass of the fruit in grams. 600g
 - A line 8cm long is drawn to the scale 1mm to 0.1m. What length does the line represent? 8m
 - Which of these fractions is less than $\frac{1}{4}$?

$\frac{1}{3}$	$\frac{3}{10}$	$\frac{2}{5}$	$\frac{1}{6}$	$\frac{3}{8}$
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 $\frac{1}{6}$
 - A snow removal vehicle spreads grit at the rate of 125g per 1m². How many kilograms are required to grit a path 50m²? 6.25kg
 - How far will a cyclist travel in $\frac{1}{4}$ hour if he cycles at 18 kilometres per hour? 4 $\frac{1}{2}$ km
 - The length of a rectangle is three times its width. If the perimeter is 192cm find
a the length a 72cm
b the width of the rectangle. b 24cm
 -  O is the centre of the circle the radius of which is 7.4cm. Find
a the angle at the centre AOB a 60°
b the length of the straight line AB. b 7.4cm
 - Of 150 children in a school 60 can swim one width of the pool and 45 can swim one length of the pool. What percentage of the children can swim
a the width a 40%
b the length? b 30%
 - Seven children shared a money prize equally. Each child received £42 and there was £6 left. Find the total value of the prize. £300
 -  The drawing shows a block of gold. Find its volume. 300cm³