

Year 7 Procedural Revision.

1. Write the following numbers in words

- a) 264 b) 3804 c) 38080

2. Write the following words in numbers

- a) Six hundred and four
b) One hundred and thirty five
c) Six thousand, four hundred and thirty five.

3. Fill in the missing number

- a) $35 + 182 = \underline{\hspace{2cm}}$ b) $4836 - 198 = \underline{\hspace{2cm}}$ c) $3862 - \underline{\hspace{2cm}} = 2709$
d) $568 + \underline{\hspace{2cm}} = 2879$ e) $3 \times \underline{\hspace{2cm}} = 27$ f) $72 \div \underline{\hspace{2cm}} = 9$
g) $\underline{\hspace{2cm}} \times 6 = 30$ h) $\underline{\hspace{2cm}} \div 7 = 4$

4. Find the value of

- a) 5^2 b) 8^2 c) 12^2 d) $\sqrt{36}$ e) $\sqrt{81}$ f) $\sqrt{49}$

5. Fill in the table below

Fraction	Percentage	Decimal
$\frac{1}{2}$		
	25%	
		0.1
$\frac{1}{5}$		
	40%	
		0.3
	75%	

6. Place the following fractions in order of size, smallest first

- $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{10}$ $\frac{1}{5}$ $\frac{3}{10}$

7. Find

- a) 10% of 320 b) 20% of 320 c) $\underline{\hspace{2cm}}$ % of 320 = 96
d) 1% of 560kg e) 6% of 560kg

8. a) Share 60 sweets in the ratio of 1 : 4 b) Share £150 in the ratio of 2 : 3
c) Tim shared 50 pens between himself and his friend Tom in the ratio of 4: 1. How many pens will each boy receive?

9.

- a) $0 \cdot 33 + 8 \cdot 2 = \underline{\hspace{2cm}}$ b) $78 \cdot 33 - 38 \cdot 2 = \underline{\hspace{2cm}}$ c) $0 \cdot 3 \times 2 = \underline{\hspace{2cm}}$
d) $8 \times 0 \cdot 2 = \underline{\hspace{2cm}}$ e) $64 \div 0 \cdot 8 = \underline{\hspace{2cm}}$ f) $39 \div 0 \cdot 3 = \underline{\hspace{2cm}}$

10. Estimate the total of the following lengths

- 1.95m, 3.75m, 1.2m, 7.05m

11. Round the following values correct to 1 decimal place.

a) 83.23 b) 3.78 c) 0.372 d) 0.999

Round the following values correct to 2 decimal places.

a) 12.736 b) 43.781 c) 80.372 d) 0.999

Round the following values correct to 1 decimal place.

a) 12.4764 b) 83.7850 c) 290.3728 d) 0.9999

12. Round the following to the nearest *penny*

a) £38.876 b) £198.820 c) £99.999

13. Round the following to the nearest *tenth* of a second

a) 3.928 seconds b) 7.952 seconds c) 87.975 seconds

14. Round the following to the nearest *hundredth* of a second

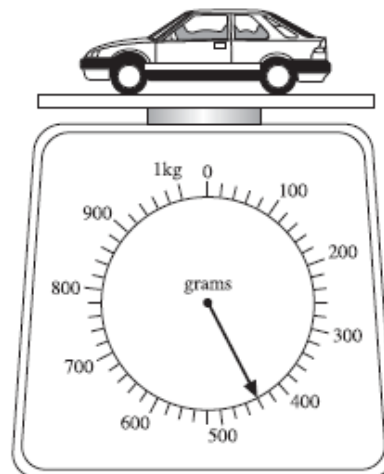
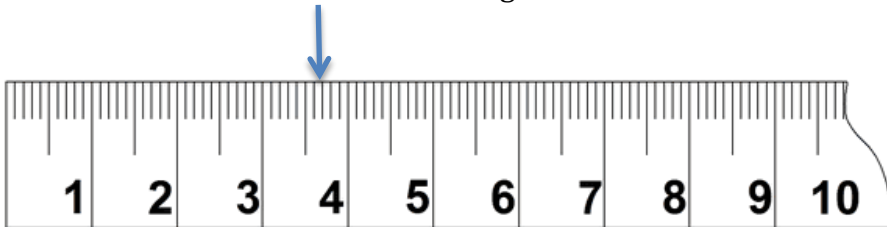
a) 3.928 seconds b) 7.952 seconds c) 87.975 seconds

15. a) Write down all of the multiples of 4 between 20 and 40
b) Write down all of the multiples of 9 between 60 and 120
c) Write down all of the multiples of 12 between 50 and 150

16. a) Write down all of the factors of 20
b) Write down all of the factors of 36
c) Write down all of the factors of 56

17. a) Find the value of $3 + 3 \times 5$
b) Find the value of $5 - 4 + 6 \times 5$
c) Find the value of $3 \times 6 + 7 \times 4$

18. Read the value on each of the following scales.

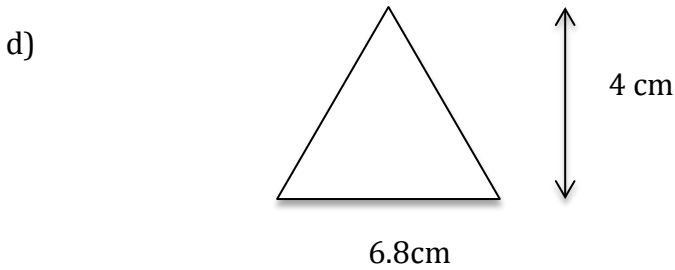
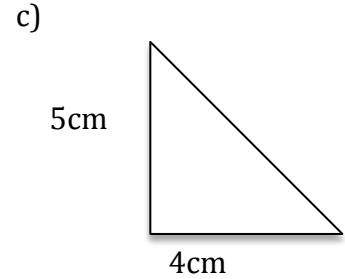
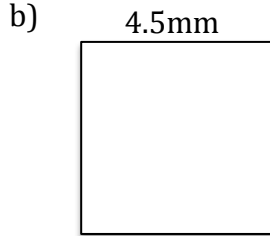
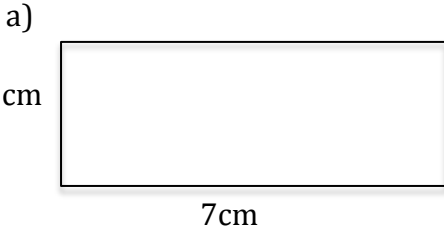


The toy car weighs g.

19. Convert the following measurements into the units in brackets.

- a) 37cm (mm) b) 4976m (km) c) 398g (mg) d) 29mm (cm)
 e) 4.5L (ml) f) 8kg (g) g) 1872m (km) h) 7.9m (cm)

20. Find the perimeter and area of each of the following shapes clearly stating the units of your answer.



21. Find the mean, median, mode and range of
 2, 5, 7, 5, 6, 5, 5

22. Complete the table for a.m, p.m. and 24-hour clock times.

a.m/p.m	9:30 a.m.		4:20 p.m.		8:10 a.m.		7:15 p.m.	
24-hour clock		0615		1145		2130		1440

Write down the amount of time between:

- a) 8:30a.m. and 9:15 a.m. b) 11:30 a.m. and 1:35 p.m.
 c) 10:17 a.m. and 5:49 p.m. d) 0615 and 1100
 e) 1430 and 1700 f) 1617 and 2003