

Year 6 Maths Homework

Name

Class

1) Complete this jumbled grid

x	6		8		
12					144
				81	
8					
		49			
				54	

2) Fill in the gaps to find the equivalent fraction, decimal, and percentages.

$$\frac{1}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\frac{1}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} = 1\%$$

$$\frac{3}{100} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\frac{3}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} = 0.3 = \underline{\hspace{2cm}}\%$$

$$\frac{2}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\frac{10}{10} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

$$\frac{1}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}\%$$

3) $60 - \boxed{\hspace{2cm}} = 4$

4) $360 \div \boxed{\hspace{2cm}} = 4$

5) $\boxed{\hspace{2cm}} + 387 = 391$

6) $\boxed{\hspace{2cm}} = 1,000 - 15$

7) $\boxed{\hspace{2cm}} = 1.2 \times 5$

8) $20 - 30 = \boxed{\hspace{2cm}}$

9) $\boxed{\hspace{2cm}} = 400 \times 90$

(10) $1440 \div 12 = \boxed{\hspace{2cm}}$

11) Wendy says that $\frac{9}{10}$ is the same as 9%. Explain why she is incorrect. _____

12) Which is greater $\frac{45}{1000}$ or 0.45? _____ Explain why _____

13) $9n = 72$ $n = \boxed{\hspace{2cm}}$

14) $\frac{1}{8} \times 4000 = \boxed{\hspace{2cm}}$

15) $\frac{7}{8} \times 560 = \boxed{\hspace{2cm}}$

16) $\boxed{\hspace{2cm}} = 30 \div 100$

17) $3^3 - 3 \times 3 = \boxed{\hspace{2cm}}$

18) $9^2 \div (9 - 6) = \boxed{\hspace{2cm}}$

Q20. Reminder – write your answer as either a decimal or a mixed number.

19)

6.7×57

(20)

$43 \div 4$

(21)

$1\frac{4}{5} \times 2$

22)

$648 \div 18$

(23)

$2016 \div 56$

24) Write these masses in order, starting with the **lightest**.

1.25 kg 0.99 kg 1.025 kg 0.009 kg

kg

kg

kg

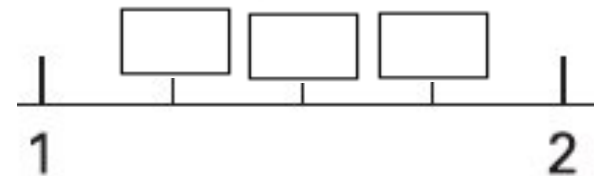
kg

lightest

25) Circle **two** numbers that add together to equal **0.15**

0.1 0.05 0.7 0.8 0.5

27) Label this number line.



26) What number is **halfway** between 1.4 and 2.1? _____