

Interleaved practise

Year 5, week 6

Number:

1. Write the pattern that matches this description: start with **Seven million, two hundred and 6 thousand, four hundred and thirty-two**. Take away twenty thousand for each new number until you have eight numbers in the pattern.

7 206 432, 7 186 432, 7 166 432, 7 146 432, 7 126 432, 7 106 432, 7 086 432, 7 066 432

2. I have $2\frac{1}{2}$ thousand cans of soft drink to sell at a festival. I sold 639 on the first day, 806 on the second day and 742 on the third day. Use rounding to work out approximately how many cans I have left.

$$\begin{array}{r} 640 \\ + 810 \\ + 740 \\ \hline 2190 \end{array}$$

or

$$\begin{array}{r} 600 \\ + 800 \\ + 700 \\ \hline 2100 \end{array}$$

$2\frac{1}{2}$ thousand = 2500

I have approximately 310/400 left.

↑ This answer is more accurate.

3. Circle the numbers that are factors of 72

(2) (3) (4) 5 (6) 7 (8) (9) 10 11 (12)

4. Write either the $>$ or $<$ sign in the boxes to show which fraction is bigger.

$\frac{4}{8} > \frac{3}{8}$

$\frac{1}{7} < \frac{1}{5}$

$\frac{1}{2} < \frac{3}{4}$

$\frac{2}{3} > \frac{1}{2}$

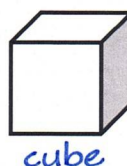
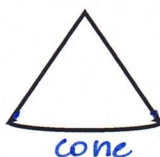
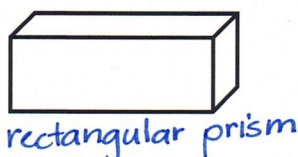
5. How many pizzas will I need to buy if my three friends and I each eat $\frac{2}{3}$ of a pizza? Will I have any left over?

$\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = \frac{8}{3}$ or $2\frac{2}{3}$ pizzas

I will need to buy 3 pizzas and will have some left over ($\frac{1}{3}$ of a pizza)

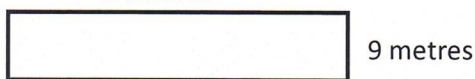
Measurement/Geometry:

6. What 3-dimensional objects do these drawings represent?



7. What is the area of this rectangle? Show how you worked it out.

45 metres



$45\text{ m} \times 9\text{ m} = 405\text{ m}^2$

$$\begin{array}{r} 45 \\ \times 9 \\ \hline 405 \end{array}$$

8. Show what time it will be on this clock at 15:35.



Chance/Data:

9. I rolled a 6-sided dice 40 times and these are the numbers that I rolled:

1, 3, 2, 5, 6, 3, 5, 3, 4, 1, 2, 1, 2, 3, 6, 4, 1, 6, 3, 5,

5, 1, 2, 4, 4, 4, 3, 3, 4, 2, 6, 3, 4, 3, 2, 3, 3, 3, 1, 2

Use the blank graph to show the results of my experiment. Each square represents 2 rolls of the dice.

*1 - 6 rolls 2 - 7 rolls 3 - 12 rolls
4 - 7 rolls 5 - 4 rolls 6 - 4 rolls*

