

## Year 6 Home Learning – Maths Week 8

Arithmetic Practice – Set a 5 minute timer to complete the 5 questions in each section. You don't have to do all 25 questions in 5 minutes! You can do one section per day or do all at once – but make sure you set your timer for 25 minutes instead! If you have forgotten a method, let me know and I will create a short video to help you remember!

**A**

1.  $\frac{3}{7}$  of 28 = 12
2.  $3.43 \times 100 = 343$
3.  $1.32 \times 3 = 3.96$
4.  $43 \times 21 = 903$
5.  $1,664 + 2,439 = 4,103$

**B**

1.  $\frac{1}{3} + \frac{3}{3} = \frac{4}{3}$  or  $1\frac{1}{3}$
2.  $3,763 \div 3 = 1,254 \text{ r}1$
3.  $6.33 \times 2 = 12.66$
4.  $\frac{11}{12} \times 144 = 132$
5.  $8,935 - 695 = 8,240$

**C**

1.  $300 + 700 = 1,000$
2.  $431 \times 7 = 3,017$
3.  $\frac{5}{6} + \frac{3}{6} = \frac{8}{6}$  or  $1\frac{2}{6}$
4.  $\frac{6}{7} \times 140 = 120$
5.  $9,034 + 4,405 = 13,439$

**D**

1.  $700 + 1,300 = 2,000$
2.  $5 + 6 + 3 = 14$
3.  $1.30 \times 6 = 7.8$
4.  $9,321 \times 6 = 55,926$
5.  $3,433 \div 11 = 312 \text{ r}1$

**E**

1.  $700 + 230 = 930$
2.  $68 \times 14 = 952$
3.  $3.33 \times 3 = 9.99$
4.  $\frac{4}{5}$  of 600 = 480
5.  $12,811 - 5,879 = 6,932$

## Lesson 1

1. How long did the boat ride last in total?

**2 hours**

2. The boat travels the same distance out and back. Approximately how far away from the harbour was it when it turned back?

**25 miles**

3. The boat stops twice, first to allow the passengers to photograph the caves, then to look at the seals. At approximately what time does the boat stop first?

**10:20**

4. What time do they finish watching the seals?

**11:00**

5. What is the distance between the caves and the seal colony?

**8 miles**

6. Why do you think the boat does not stop at all in the final 25 miles?

***The crew are on their way back and they have already explored the caves and seen the seals.***

## Lesson 2

1. How many children in total had meals at the cafe?

**80**

2. How many children ordered nachos?

**20**

3. What fraction of the children in the class ordered chips?

**$\frac{1}{16}$**

4. How many children ordered beans on toast?

**10**

5. What fraction of the children ordered a jacket potato or chips?

**$\frac{1}{8}$**

6. What fraction of the children ordered beans on toast or a cheese sandwich?

**$\frac{5}{8}$**

7. How many children ordered a jacket potato?

**5**