



Maths – answers

Order the following numbers from smallest to largest:

776 776, 767 767, 767 677, 776 677

767 677 | **767 767** | **776 677** | **776 776**

Here are some estimated answers to some calculations. Tick the reasonable estimates.

$785 \times 8 \approx 7000$

$65\,712 - 34\,989 \approx 20\,000$

$653 \div 13 \approx 50$

Explain why any estimates are unreasonable.

$800 \times 8 = 6400$ and answer must be smaller

$65 - 34 = 31$, so 30 000 a better estimate.

A teacher organises 354 children into groups of eight children. How many groups of eight children will there be?

44 groups (two children left over)

Simplify the following fractions.

$$\frac{6}{15} = \frac{2}{5}$$

$$\frac{24}{32} = \frac{3}{4}$$

Calculate:

$$0.1 \times 100 = \mathbf{10}$$

$$0.8 \times 100 = \mathbf{80}$$

$$0.4 \times 100 = \mathbf{40}$$

Convert the following:

$$0.3\text{l} = \mathbf{300\text{ml}}$$

$$\mathbf{5.8\text{l}} = 5800 \text{ ml}$$

What is the digit in the hundred thousands place in the number 7 802 314?

8

Use $<$, $=$, or $>$ to compare these fractions.

$$\frac{13}{4} < \frac{7}{2}$$

$$\frac{19}{8} < \frac{5}{2}$$

$$\frac{23}{6} > \frac{11}{3}$$

A farmer has 24 092 animals. There are 13 562 sheep and 2893 sheep. The rest are pigs. How many pigs does the farmer have?

7637 pigs

Calculate:

517

$$14 \overline{) 7238}$$

Calculate:

$$0.04 \times 6 = \mathbf{0.24}$$

$$0.03 \times 9 = \mathbf{0.27}$$

$$0.07 \times 8 = \mathbf{0.56}$$

1 mile = 1600m

How many miles is a 10 000m race?

6.25 miles

English

Give yourself a mark for your answers with reference to any I have provided:

1. What does the phrase 'dog fight' mean?

'Dog fights' were the nickname given to close range fighter jet battles during the war.

2. **Compare** how the two characters, George (the narrator) and Emmie react differently to the broadcast?

George thought that the broadcast sounded 'brilliant' and cheered along as the reporter discussed the bombings. Emmie reacted in the complete opposite way and began to cry as she realised that the bombing meant the loss of life.

3. *'Sometimes it feels like this war is just a big game but I suppose if we were the players it wouldn't be so entertaining.'*

Explain George's mixed feelings when he wrote this sentence in his diary.

George was feeling very confused as he felt guilty for getting excited at the broadcast earlier in the night and cheering along to it as though it were a football match. He had now realised that if he were a fighter pilot (a player) then he would probably not find these sorts of battles so appealing.

4. **Find** and **copy** the word that was used in the 1940s for 'radio'.

wireless

Foundations Subject – Music

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