

Level 21 Test answers

Year 6
Term 3
Level 20 Test

1. Write in words: 154,209

one hundred and fifty-four thousand, two hundred and nine

2. Set out and multiply: $62,453 \times 35 = \mathbf{2185,855}$

3. In your head: $96 \times 1000 = \mathbf{96,000}$

4. Short division: $7 \overline{)755}$ ans: **107 rem 6**

5. Vertical division (long division):

$16 \overline{)960}$ ans: **60**

6. Reduce these fractions to their lowest terms:

a) $\frac{12}{16} = \frac{3}{4}$ b) $\frac{21}{24} = \frac{7}{8}$

7. Multiply these fractions and reduce the answer to lowest terms:

a) $\frac{4}{5} \times \frac{7}{8} = \frac{28}{40} = \frac{7}{10}$ b) $\frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$

8. Multiply this mixed numbers:

a) $1 \frac{3}{4} \times 2 \frac{1}{2} = 4 \frac{3}{8}$
b) $3 \frac{3}{5} \times 3 \frac{1}{3} = 12$

$1 \frac{3}{4} \times 2 \frac{1}{2} = ?$
 \downarrow \downarrow
 $\frac{7}{4} \times \frac{5}{2} = \frac{35}{8} = 4 \frac{3}{8}$
 $1 \times 4 + 3 = 7$
 $2 \times 2 + 1 = 5$

9. Division of fractions:

$$\text{a) } \frac{4}{5} \div \frac{2}{3} = \frac{4}{5} \times \frac{3}{2} = \frac{12}{10} = 1$$

$$\text{b) } \frac{1}{2} \div \frac{1}{5} = \frac{1}{2} \times \frac{5}{1} = \frac{5}{2} = 2 \frac{1}{2}$$

10. Twelve friends plan to order pizza for dinner. They guessed that everyone would eat $\frac{1}{3}$ of a pizza. How many pizzas should they order? **4**

Score	/10	%
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