

Review 2

30

Choose the correct answer and write its number in the brackets provided.

[7 marks]

1. $5\frac{1}{4} - 2\frac{7}{8} = \underline{\hspace{2cm}}$


(1) $2\frac{3}{8}$

(3) $3\frac{3}{8}$

(2) $2\frac{5}{8}$

(4) $3\frac{5}{8}$

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 2. Convert $21\frac{1}{9}$ into a decimal.

(1) 21.10

(3) 21.19

(2) 21.11

(4) 21.99

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3. Multiply $\frac{6}{11}$ by $\frac{2}{5}$.

(1) $\frac{8}{55}$

(3) $\frac{52}{55}$

(2) $\frac{12}{55}$

(4) $\frac{15}{11}$

()

4. $2\frac{4}{5} + 4\frac{2}{3} = \underline{\hspace{2cm}}$

(1) $6\frac{7}{15}$

(3) $7\frac{1}{15}$

(2) $6\frac{8}{15}$

(4) $7\frac{7}{15}$

()

5. What is $\frac{4}{7}$ of 42 m?

(1) 24 m

(3) 32 m

(2) 28 m

(4) 36 m

()

6. Multiply $1\frac{2}{3}$ by 4.

(1) $1\frac{1}{6}$

(3) $4\frac{2}{3}$

(2) $3\frac{2}{3}$

(4) $6\frac{2}{3}$

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7. Which of the following multiplication sentences will give an answer of $\frac{3}{2}$?

(1) $\frac{1}{4} \times \frac{12}{8}$

(3) $\frac{9}{12} \times \frac{3}{5}$

(2) $\frac{8}{11} \times \frac{33}{4}$


(4) $\frac{4}{11} \times \frac{33}{8}$

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Write your answers on the lines provided.

[8 marks]

8. Find the value of $1\frac{1}{2} + 2\frac{2}{3} + 3\frac{3}{4}$.

 9. Find the value of $14\frac{5}{9} \times 81$.

10. Mrs Lee had 9 cakes. She distributed the cakes equally among her 4 children. How much cake did each child get? Express your answer in its simplest form.

11. Multiply $\frac{12}{5}$ by $\frac{3}{2}$. Express your answer as a mixed number.

12. What is $\frac{7}{12}$ of 96 km?


13. Find the product of $\frac{2}{7}$ and $\frac{3}{10}$.

14. What is $\frac{1}{11}$ of \$654? Express your answer in decimal and round it off to 2 decimal places. _____

15. Find the value of $8\frac{7}{12} - 5\frac{1}{3}$. _____


Do these word problems. Show your working clearly in the space provided.

16. Cindy gave 10 packs of sweets to Anna. Each pack contained 15 sweets. $\frac{2}{5}$ of the sweets were blackcurrant-flavoured and $\frac{5}{6}$ of the remaining were chocolate-flavoured. The rest of the sweets were mango-flavoured. How many mango-flavoured sweets were there? **[2 marks]**

-  **17.** A container holds $5\frac{1}{5}$ l of water. A bottle holds $3\frac{1}{2}$ l less water than the container. Water from the container and the bottle are mixed and poured equally into 30 glasses. How much water does each glass contain? Express your answer in millilitres. **[3 marks]**

- 18.** A fruiterer had some mangoes. $\frac{2}{9}$ of the number of mangoes were rotten. He gave 18 mangoes to his neighbour and sold seven times as many mangoes as he had given away. If he had $\frac{1}{3}$ of the number of mangoes left, how many mangoes did he have at first? **[3 marks]**

19. Eddie had some marbles. $\frac{2}{5}$ of them were blue, $\frac{5}{9}$ of the remaining marbles were green and the rest were purple. There were 32 fewer purple marbles than blue marbles. How many marbles did Eddie have at first? **[2 marks]**

-  20. Mrs Jones had some apples. She sold $\frac{1}{3}$ of the apples plus 5 more on the first day. She sold $\frac{1}{3}$ of the remaining apples plus 5 more on the second day. She had 125 apples left in the end. How many apples had Mrs Jones at first? **[5 marks]**