

Review 4

27

Choose the correct answer and write its number in the brackets provided. [7 marks]

1. Express $6\frac{7}{9}$ as an improper fraction.

(1) $\frac{22}{9}$

(3) $\frac{61}{9}$

(2) $\frac{54}{9}$

(4) $\frac{67}{9}$

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2. What is the difference between $\frac{2}{5}$ and $\frac{3}{10}$?

(1) $\frac{3}{5}$

(3) $\frac{1}{5}$

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

(4) $\frac{1}{10}$

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3. $\frac{4}{9} + \frac{2}{3} =$ _____

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

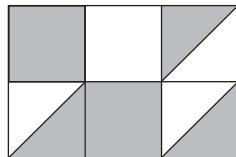
(3) $\frac{6}{9}$

(2) $\frac{2}{9}$

(4) $1\frac{1}{9}$

()

4. What fraction of the figure below is shaded?



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

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

(2) $\frac{5}{12}$

(4) $\frac{7}{12}$

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5. $\frac{2}{7}$ of 98 = _____

(1) 28

(3) 196

(2) 49

(4) 343

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6. How many sixths are there in $5\frac{1}{6}$?

(1) 3

(3) 31

(2) 12

(4) 57

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7. Which fraction is expressed in its simplest form?

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

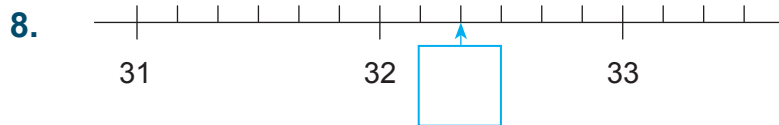
(3) $\frac{9}{10}$

(2) $\frac{5}{15}$

(4) $\frac{6}{18}$

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Write your answers on the lines provided.



What is the missing fraction in the box? Express your answer in its simplest form.

_____ [1 mark]

9. (a) Express $\frac{24}{5}$ as a mixed number in its simplest form.

_____ [1 mark]

(b) Express $7\frac{8}{9}$ as an improper fraction.

_____ [1 mark]

10. What is $\frac{1}{4} + \frac{2}{5} + \frac{3}{10}$?

_____ [1 mark]

11. Mrs Troy baked a cake. She gave $\frac{1}{2}$ of the cake to her sister and her children ate $\frac{3}{8}$ of the cake. How much cake had she left?

_____ [1 mark]

12. What is $6 - \frac{2}{3} - \frac{4}{5}$?

_____ [1 mark]

13. Mr Ray bought 25 cartons of milk. If each carton contained $\frac{3}{4}$ l of milk, how much milk did Mr Ray buy in all?

_____ [1 mark]

14. (a) Circle the greater number.

[1 mark]

$$\frac{18}{5} \quad 3\frac{2}{5}$$

(b) Circle the smaller number.

[1 mark]

$$5\frac{2}{9} \quad \frac{47}{10}$$

15. Arrange the following numbers in order, beginning with the greatest.

[1 mark]

$$\frac{5}{9}$$

$$\frac{22}{3}$$

$$\frac{17}{18}$$

_____ greatest

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

- 16.** There were 32 children at a party. There were 8 more boys than girls. If 8 girls wore spectacles, what fraction of the girls wore spectacles at the party? **[2 marks]**

- 17.** There were 104 people at a museum. $\frac{3}{8}$ of the people were women. If there were 28 children at the museum, how many men were there? **[2 marks]**

18. Jasmine had some money. She used $\frac{4}{7}$ of it to buy a pair of shoes which cost \$96. If she spent another $\frac{2}{7}$ of the money to buy a dress, how much did she spend in all? **[2 marks]**

19. Enard has 56 stickers. After using some of them, she has $\frac{4}{7}$ of the stickers left. How many stickers does Enard use? **[2 marks]**

20. Samson has $\frac{3}{4}$ m of string. Stefan has $\frac{1}{6}$ m less of string than Samson.
What is the total length of their strings? **[2 marks]**