

## Review 2

1. Express each of the following as a fraction or a mixed number in its simplest form.

(a)  $8 \div 26 =$

(b)  $7 \div 9 =$

(c)  $18 \div 7 =$

(d)  $19 \div 5 =$

(e)  $26 \div 4 =$

(f)  $33 \div 10 =$

(g)  $44 \div 14 =$

(h)  $62 \div 8 =$

2. Express each fraction using division.

(a)  $\frac{34}{6} =$

(b)  $\frac{11}{17} =$

(c)  $\frac{22}{13} =$

(d)  $\frac{20}{45} =$

3. Add. Express each answer as a mixed number in its simplest form.

(a)  $1\frac{2}{7} + 3\frac{3}{7} =$

(b)  $2\frac{7}{12} + 4\frac{1}{6} =$

(c)  $3\frac{1}{2} + 5\frac{8}{11} =$

(d)  $2\frac{3}{4} + 7\frac{5}{9} =$

4. Subtract. Express each answer as a mixed number in its simplest form.

(a)  $5\frac{7}{8} - 2\frac{3}{8} =$

(b)  $4\frac{2}{3} - 1\frac{1}{9} =$

(c)  $6 - 3\frac{9}{15} =$

(d)  $8\frac{1}{5} - 5\frac{1}{4} =$

5. Multiply. Express each answer as a mixed number in its simplest form.

(a)  $3 \times \frac{6}{7} =$

(b)  $5 \times \frac{2}{9} =$

(c)  $4 \times \frac{5}{8} =$

(d)  $12 \times \frac{7}{16} =$

(e)  $2 \times 1\frac{4}{5} =$

(f)  $5 \times 2\frac{5}{6} =$

(g)  $6 \times 2\frac{5}{9} =$

(h)  $15 \times 2\frac{1}{20} =$

6. Divide. Express each answer as a fraction or a mixed number in its simplest form.

(a)  $\frac{5}{6} \div 8 =$

(b)  $\frac{7}{13} \div 5 =$

(c)  $\frac{4}{9} \div 6 =$

(d)  $\frac{5}{7} \div 20 =$

(e)  $5\frac{3}{8} \div 4 =$

(f)  $3\frac{11}{15} \div 3 =$

(g)  $2\frac{4}{11} \div 8 =$

(h)  $11\frac{1}{4} \div 6 =$

7. What fraction of each set of shapes is shaded?  
Give your answer in the simplest form.

(a) 

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(b) 

\_\_\_\_\_

8. Find the value of each of the following.

(a)  $\frac{1}{3}$  of 27 =

(b)  $\frac{5}{8}$  of 12 =

9. Hamid covered a total distance of 3 km. He ran  $\frac{4}{5}$  of the distance. How many kilometres did he run?

Working

10. Daniel cycled  $2\frac{1}{4}$  km to the playground. Then, he cycled  $1\frac{2}{5}$  km to the mall. What was the total distance Daniel cycled?

Working

11. Abidin sold 135 bottles of juice in one day. He sold  $\frac{1}{3}$  of the bottles of juice in the first hour and  $\frac{2}{9}$  of the bottles of juice in the second hour. How many bottles of juice did he sell altogether in the 2 hours?

12. Zahid used  $4\frac{5}{12}$  m of thread to sew a coin purse. Anwar used  $1\frac{2}{3}$  m less thread to mend his shirt. How many metres of thread did they use altogether?

Working

13. Nora poured  $2\frac{5}{8}\ell$  of agar-agar syrup equally into 9 jelly moulds. Find the volume of syrup in 2 such moulds.

Working