

Numbers 1 to 8 may be completed on the worksheet if it is downloaded.

1. Name the following parts of a fraction: (2)

$$\frac{3}{5}$$

← numerator

← denominator

2. Shade each drawing to show the fraction given below: (5 x 1 = 5)



$\frac{1}{2}$



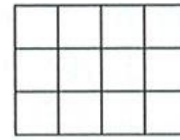
$\frac{2}{3}$



$\frac{3}{4}$

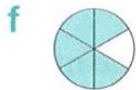


$\frac{5}{6}$

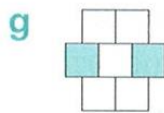


$\frac{7}{12}$

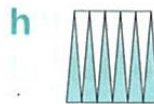
3. Under each figure, write down which fraction of the whole is shaded: (5)



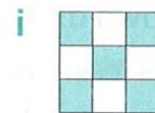
$\frac{5}{6}$



$\frac{2}{7}$



$\frac{5}{11}$



$\frac{5}{9}$



$\frac{6}{12} = \frac{1}{2}$

4. What fraction is found at the letter point? (2)



5. Write the numbers in descending order: (2)

4.1 $\frac{3}{3}; \frac{3}{8}; \frac{3}{4}; \frac{3}{7}$ $\frac{3}{3}; \frac{3}{4}; \frac{3}{7}; \frac{3}{8}$

4.2 $\frac{3}{4}; \frac{1}{2}; \frac{5}{8}; \frac{12}{12}$ $\frac{12}{12}; \frac{3}{4}; \frac{5}{8}; \frac{1}{2}$

6. Write down the equivalent fractions for the following: (2)

5.1 $\frac{5}{9} = \frac{20}{36}$

5.2 $\frac{28}{32} = \frac{7}{8}$

7. The next **two** numbers in the number sequence $1 \frac{3}{4}; 1 \frac{1}{2}; 1 \frac{1}{4}; \dots$ are $1; \frac{3}{4}$ (2)

8. Fill in >; < or = to make the following statements true: (1)

7.1 $\frac{5}{6} > \frac{2}{3}$

7.2 $\frac{1}{4} = \frac{3}{12}$

Complete this section in your workbook/ informal test book:

9. Calculate the following: (1)

$$\begin{aligned} 9.1 \quad & \frac{3}{5} + \frac{1}{5} \\ & = \frac{4}{5} \quad \checkmark \end{aligned}$$

$$\begin{aligned} 9.2 \quad & \frac{11}{12} - \frac{5}{12} \\ & = \frac{6}{12} \quad \checkmark \\ & = \frac{1}{2} \quad \text{(It is NOT necessary to simplify)} \end{aligned} \quad (1)$$

10. Calculate the following: (11)

$$\begin{aligned} 10.1 \quad & \frac{3}{5} \text{ of } 65 \text{ sweets} \\ & = (65 \div 5) \times 3 \quad \checkmark \\ & = 13 \times 3 \quad \checkmark \\ & = 39 \quad \checkmark \end{aligned}$$

$$\begin{aligned} 10.3 \quad & \frac{3}{4} \text{ of } 2 \text{ metres} \\ & = \frac{3}{4} \text{ of } 2\,000 \text{ mm} \\ & = (2\,000 \div 4) \times 3 \quad \checkmark \\ & = 500 \times 3 \quad \checkmark \\ & = 1\,500 \text{ mm} \quad \checkmark \\ & = 1,5 \text{ m} \quad \checkmark \end{aligned}$$

11. Anele spent $\frac{1}{8}$ of his holiday with his grandparents and $\frac{5}{8}$ of his holiday with his parents at a resort. What fraction of his holiday did he spend at home? (3)

$$\begin{aligned} & \frac{8}{8} - \left(\frac{1}{8} + \frac{5}{8} \right) \quad \checkmark \\ & = \frac{8}{8} - \frac{6}{8} \quad \checkmark \\ & = \frac{2}{8} \quad \checkmark \end{aligned}$$

Ans: He spent $\frac{2}{8}$ of his holiday at home.

12. Mary's mass is 42 kg. Her younger sister, Paula, has a mass equal to five-sevenths of Mary's mass. What is Paula's mass? (4)

$$\begin{aligned} & \frac{5}{7} \text{ of } 42 \text{ kg} \\ & = (42 \div 7) \times 5 \quad \checkmark \\ & = 6 \times 5 \quad \checkmark \\ & = 30 \text{ kg} \quad \checkmark \end{aligned}$$

Ans: Paula's mass is 30 kg \checkmark

13. If $\frac{1}{7}$ equals 8, what does the whole equal? (3)

$$\begin{aligned} & \frac{1}{7} = 8 \quad \checkmark \\ \text{therefore } & \frac{7}{7} = 8 \times 7 \quad \checkmark = 56 \quad \checkmark \end{aligned}$$