

Stage 7 End-of-unit 7 test

Answers

1 a $\frac{17}{12} < 1\frac{1}{2}$

b $2\frac{5}{7} > \frac{54}{21}$

c $\frac{24}{5} = 4\frac{4}{5}$

2 $\frac{5}{8}, \frac{2}{3}, \frac{19}{5}, \frac{58}{15}$

3 a $8\frac{4}{7}$

b $5\frac{1}{3}$

c $8\frac{5}{18}$

4 a $\frac{2}{9}$

b $\frac{4}{15}$

5 a $\frac{4}{7}$

b $\frac{1}{6}$

6 a $\frac{8}{9}$

b $2\frac{1}{10}$

c $1\frac{3}{4}$

d 3

7 $\frac{1}{8} \times 360 = \frac{1}{2} \times \frac{1}{4} \times 360 = \frac{1}{2} \times 90 = 45$

or $\frac{1}{8} \times 360 = \frac{1}{4} \times \frac{1}{2} \times 360 = \frac{1}{4} \times 180 = 45$

8 $\frac{2}{5} \times 120 = \frac{4}{10} \times 120 = 4 \times 12 = 48$

9 $\frac{5}{52}$

10 $\frac{5}{8} \times \frac{7}{15} = \frac{7 \times 5}{8 \times 3 \times 5} = \frac{7}{8 \times 3} \times \frac{5}{5} = \frac{7}{24} \times 1 = \frac{7}{24}$

and $\frac{3}{4} + \frac{7}{24} = \frac{18}{24} + \frac{7}{24} = \frac{25}{24} = 1\frac{1}{24}$

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