

Y5/6 Top-up Revision, Unit 3 (56750)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y5 Comparing fractions Sheet 1 (2 pages)

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE can use a fraction wall to help.

Day 1 Y6 Equivalent fractions, decimals and percentages Sheet 2

Working towards ARE

Day 1 Y6 Equivalent fractions, decimals and percentages Sheet 3

Working at ARE / Greater Depth

Comparing fractions

Sheet 1

Write <, = or > between each pair of fractions.

1. $\frac{1}{2}$ $\frac{4}{8}$

2. $\frac{5}{6}$ $\frac{2}{3}$

3. $\frac{5}{8}$ $\frac{3}{4}$

4. $\frac{1}{2}$ $\frac{7}{12}$

5. $\frac{4}{9}$ $\frac{1}{3}$

6. $\frac{2}{3}$ $\frac{7}{12}$

7. $\frac{4}{5}$ $\frac{7}{10}$

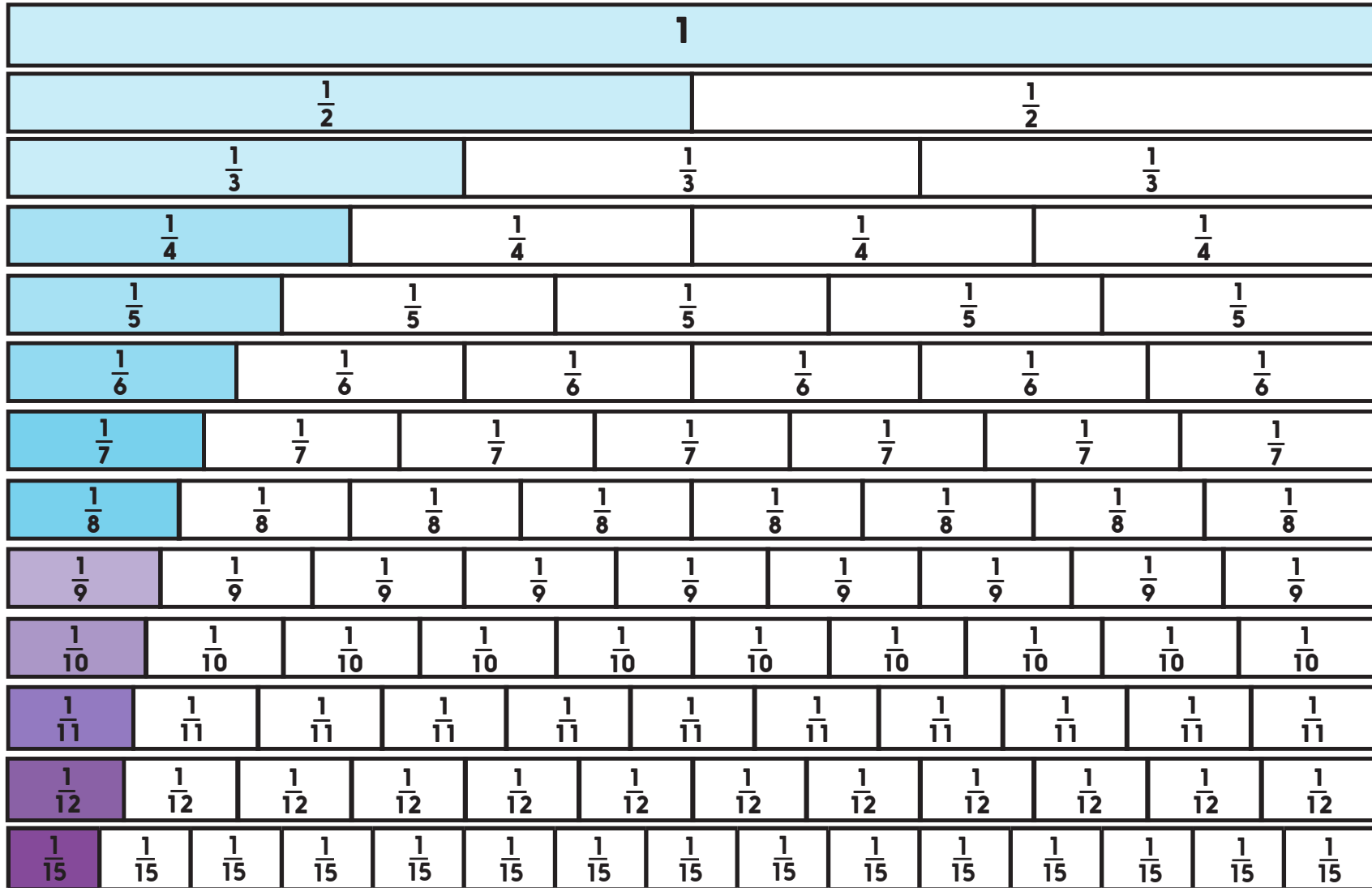
8. $\frac{4}{5}$ $\frac{11}{15}$

Challenge

Write as many fractions as you can between $\frac{1}{4}$ and $\frac{1}{2}$.

Comparing fractions

Sheet 1 continued



Equivalent fractions, decimals and percentages

Sheet 2

Fill in the missing fractions, decimals and percentages.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	
$\frac{3}{4}$		75%
	0.1	10%
$\frac{1}{5}$		20%
$\frac{9}{10}$	0.9	
$\frac{2}{5}$	0.4	
$\frac{1}{4}$		25%

Write >, < or = between each pair.

50% $\frac{7}{10}$

$\frac{3}{5}$ 60%

$\frac{1}{10}$ 1%

$\frac{1}{5}$ 0.3

Challenge

Put these amounts in order, smallest to biggest:

0.4 $\frac{1}{4}$ 44% 0.04

Equivalent fractions, decimals and percentages

Sheet 3

Fill in the missing fractions, decimals and percentages.

Fraction	Decimal	Percentage
	0.5	
$\frac{1}{20}$		
	0.1	
		20%
	0.9	
		25%
$\frac{1}{8}$		

Write >, < or = between each pair.

$$\frac{1}{4} \quad 0.3$$

$$\frac{7}{10} \quad 80\%$$

$$\frac{2}{5} \quad 0.25$$

$$\frac{3}{5} \quad 60\%$$

Challenge

Order these amounts, smallest to biggest:

77% 1.7 0.17 $\frac{1}{7}$ 1.07

Top-up Revision

Answers

Day 1 Y5 Comparing fractions Sheet 1

1. $\frac{1}{2} = \frac{4}{8}$
2. $\frac{5}{6} > \frac{2}{3} = \frac{4}{6}$
3. $\frac{5}{8} < \frac{3}{4} = \frac{6}{8}$
4. $\frac{1}{2} = \frac{6}{12} < \frac{7}{12}$
5. $\frac{4}{9} > \frac{1}{3} = \frac{3}{9}$
6. $\frac{2}{3} = \frac{8}{12} > \frac{7}{12}$
7. $\frac{4}{5} = \frac{8}{10} > \frac{7}{10}$
8. $\frac{4}{5} = \frac{12}{15} > \frac{11}{15}$

Challenge

Write as many fractions as you can between $\frac{1}{4}$ and $\frac{1}{2}$.

Answers could include the following $\frac{1}{3}, \frac{2}{5}, \frac{2}{6}, \frac{3}{7}, \frac{3}{8}, \frac{3}{9}, \frac{4}{9}, \frac{4}{10}, \frac{4}{11}, \frac{4}{12}, \frac{5}{11}, \frac{5}{12}, \frac{5}{15}, \frac{6}{15}, \frac{7}{15}$

Day 1 Y6 Equivalent fractions, decimals and percentages Sheet 2

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%
$\frac{1}{10}$	0.1	10%
$\frac{1}{5}$	0.2	20%
$\frac{9}{10}$	0.9	90%
$\frac{2}{5}$	0.4	40%
$\frac{1}{4}$	0.25	25%

$$50\% < \frac{7}{10} \quad \frac{1}{10} > 1\%$$

$$\frac{3}{5} = 60\% \quad \frac{1}{5} < 0.3$$

Challenge

$$0.04 < \frac{1}{4} < 0.4 < 44\%$$

Top-up Revision

Answers

Day 1 Y6 Equivalent fractions, decimals and percentages Sheet 3

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{20}$	0.05	5%
$\frac{1}{10}$	0.1	10%
$\frac{1}{5}$	0.2	20%
$\frac{9}{10}$	0.9	90%
$\frac{1}{4}$	0.25	25%
$\frac{1}{8}$	0.125	12.5%

$$\frac{1}{4} < 0.3$$

$$\frac{2}{5} > 0.25$$

$$\frac{7}{10} < 80\%$$

$$\frac{3}{5} = 60\%$$

Challenge

$$\frac{1}{7} < 0.17 < 77\% < 1.07 < 1.7$$