



Fractions and decimals

Write each fraction as a decimal.

$$\frac{1}{2} = 0.5$$

$$\frac{1}{10} = 0.1$$

Write this decimal as a fraction.

$$0.25 = \frac{25}{100} = \frac{1}{4}$$

Write each fraction as a decimal.

$$\frac{1}{10} \quad \square$$

$$\frac{1}{2} \quad \square$$

$$\frac{3}{10} \quad \square$$

$$\frac{5}{10} \quad \square$$

$$\frac{2}{10} \quad \square$$

$$\frac{9}{10} \quad \square$$

$$\frac{6}{10} \quad \square$$

$$\frac{1}{10} \quad \square$$

$$\frac{8}{10} \quad \square$$

$$\frac{3}{10} \quad \square$$

$$\frac{4}{10} \quad \square$$

$$\frac{5}{10} \quad \square$$

$$\frac{6}{10} \quad \square$$

$$\frac{7}{10} \quad \square$$

$$\frac{8}{10} \quad \square$$

$$\frac{9}{10} \quad \square$$

Write each decimal as a fraction.

$$0.8 \quad \square$$

$$0.5 \quad \square$$

$$0.3 \quad \square$$

$$0.4 \quad \square$$

$$0.25 \quad \square$$

$$0.7 \quad \square$$

$$0.2 \quad \square$$

$$0.75 \quad \square$$

$$0.2 \quad \square$$

$$0.6 \quad \square$$

$$0.5 \quad \square$$

$$0.8 \quad \square$$

$$0.1 \quad \square$$

$$0.4 \quad \square$$

$$0.6 \quad \square$$

$$0.9 \quad \square$$

Write the answer in the box.

Which two of the fractions above are the same as 0.5?

Which two of the fractions above are the same as 0.8?

Which two of the fractions above are the same as 0.6?

Which two of the fractions above are the same as 0.2?

Which two of the fractions above are the same as 0.4?



Fractions and decimals

Write each fraction as a decimal.

$$\frac{1}{2} = 0.5 \quad \frac{1}{10} = 0.1$$

Write this decimal as a fraction.

$$0.25 = \frac{25}{100} = \frac{1}{4}$$

Write each fraction as a decimal.

| | | | | | | | |
|----------------|-----|----------------|-----|----------------|-----|----------------|-----|
| $\frac{1}{10}$ | 0.1 | $\frac{1}{2}$ | 0.5 | $\frac{3}{10}$ | 0.3 | $\frac{5}{10}$ | 0.5 |
| $\frac{2}{10}$ | 0.2 | $\frac{9}{10}$ | 0.9 | $\frac{6}{10}$ | 0.6 | $\frac{1}{10}$ | 0.1 |
| $\frac{8}{10}$ | 0.8 | $\frac{3}{10}$ | 0.3 | $\frac{4}{10}$ | 0.4 | $\frac{5}{10}$ | 0.5 |
| $\frac{6}{10}$ | 0.6 | $\frac{7}{10}$ | 0.7 | $\frac{8}{10}$ | 0.8 | $\frac{9}{10}$ | 0.9 |

Write each decimal as a fraction.

| | | | | | | | |
|------|----------------|-----|----------------|-----|----------------|------|----------------|
| 0.8 | $\frac{8}{10}$ | 0.5 | $\frac{5}{10}$ | 0.3 | $\frac{3}{10}$ | 0.4 | $\frac{2}{5}$ |
| 0.25 | $\frac{1}{4}$ | 0.7 | $\frac{7}{10}$ | 0.2 | $\frac{1}{5}$ | 0.75 | $\frac{3}{4}$ |
| 0.2 | $\frac{2}{10}$ | 0.6 | $\frac{6}{10}$ | 0.5 | $\frac{1}{2}$ | 0.8 | $\frac{4}{5}$ |
| 0.1 | $\frac{1}{10}$ | 0.4 | $\frac{4}{10}$ | 0.6 | $\frac{3}{5}$ | 0.9 | $\frac{9}{10}$ |

Write the answer in the box.

Which two of the fractions above are the same as 0.5?

$$\frac{5}{10}, \frac{1}{2}$$

Which two of the fractions above are the same as 0.8?

$$\frac{8}{10}, \frac{4}{5}$$

Which two of the fractions above are the same as 0.6?

$$\frac{6}{10}, \frac{3}{5}$$

Which two of the fractions above are the same as 0.2?

$$\frac{2}{10}, \frac{1}{5}$$

Which two of the fractions above are the same as 0.4?

$$\frac{4}{10}, \frac{2}{5}$$

Children should realize that $\frac{1}{10}$ is equivalent to 0.1. If necessary, help them understand that $\frac{2}{20}$ is equivalent to 0.2, and so on. Children also need to know the decimal equivalents of $\frac{1}{4}$ and $\frac{3}{4}$.