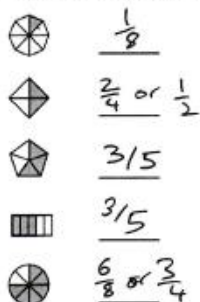
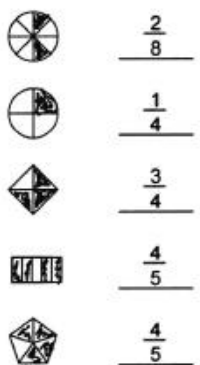


Y3 Homework 7 Answers

What is the Fraction of the Shaded Area?



Shade the Figure with the Indicated Fraction



Equivalent Fractions

$$\frac{3}{4} = \frac{18}{24}$$

$$\frac{4}{6} = \frac{20}{30}$$

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

$$\frac{1}{4} = \frac{6}{24}$$

$$\frac{2}{6} = \frac{6}{18}$$

Lowest Terms (Reducing Fractions)

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

$$\frac{10}{20} = \frac{1}{2}$$

$$\frac{8}{12} = \frac{2}{3}$$

$$\frac{20}{50} = \frac{2}{5}$$

$$\frac{20}{100} = \frac{1}{5}$$

$$\frac{2}{6} = \frac{1}{3}$$

$$\frac{40}{50} = \frac{4}{5}$$

$$\frac{5}{20} = \frac{1}{4}$$

$$\frac{21}{35} = \frac{3}{5}$$

$$\frac{9}{12} = \frac{3}{4}$$

Converting Improper to Mixed Fractions

$$\frac{10}{4} = 2\frac{2}{4} \text{ or } 2\frac{1}{2}$$

$$\frac{64}{10} = 6\frac{4}{10} = 6\frac{2}{5}$$

$$\frac{11}{2} = 5\frac{1}{2}$$

$$\frac{11}{2} = 5\frac{1}{2}$$

$$\frac{22}{4} = 5\frac{2}{4} \text{ or } 5\frac{1}{2}$$

$$\frac{29}{4} = 7\frac{1}{4}$$

$$\frac{12}{5} = 2\frac{2}{5}$$

$$\frac{17}{3} = 5\frac{2}{3}$$

Converting Mixed to Improper Fractions

$$6\frac{3}{4} = \frac{27}{4}$$

$$9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5}$$

$$8\frac{1}{2} = \frac{17}{2}$$

$$7\frac{1}{2} = \frac{15}{2}$$

$$9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5}$$

$$6\frac{3}{10} = \frac{63}{10}$$

Comparing Fractions

1) $\frac{1}{6} < \frac{1}{3}$
 $\downarrow \frac{1}{6}$ $\downarrow \frac{2}{6}$

2) $\frac{6}{10} < \frac{5}{7}$
 $\frac{42}{70} < \frac{50}{70}$

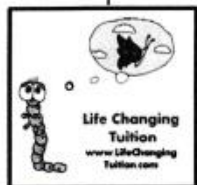
3) $\frac{1}{3} < \frac{1}{2}$
 $\frac{2}{6} < \frac{3}{6}$

Fraction of Quantity and Missing Quantity

Find $\frac{2}{3}$ of 36 = 24
 $36 \div 3 = 12 \rightarrow 12 \times 2 = 24$

Find $\frac{3}{5}$ of 150 = 90
 $150 \div 5 = 30 \rightarrow 30 \times 3 = 90$

Find $\frac{3}{4}$ of 48 = 36
 $48 \div 4 = 12 \rightarrow 12 \times 3 = 36$



Park

- 1) c
- 2) c
- 3) b
- 4) c
- 5) c

birds

- 1) a
- 2) c
- 3) c
- 4) b
- 5) a

Materials

- 1) d
- 2) d
- 3) a
- 4) c
- 5) a
- 6) b