

Varied Fluency Fractions to Percentages

Developing

1a. $\frac{5}{10} = \frac{50}{100} = 50\%$, $\frac{9}{10} = \frac{90}{100} = 90\%$,
 $\frac{2}{10} = \frac{20}{100} = 20\%$, $\frac{3}{10} = \frac{30}{100} = 30\%$

2a. 40 squares shaded = 40%

3a. $\frac{8}{10} = \frac{80}{100} = 80\%$, $\frac{1}{10} = \frac{10}{100} = 10\%$,
 $\frac{7}{10} = \frac{70}{100} = 70\%$

4a. False, $\frac{6}{10}$ is 60%.

Expected

5a. $\frac{1}{10} = \frac{10}{100} = 10\%$, $\frac{26}{50} = \frac{52}{100} = 52\%$,
 $\frac{1}{20} = \frac{5}{100} = 5\%$, $\frac{5}{25} = \frac{20}{100} = 20\%$

6a. 30 squares shaded = 30%

7a. $\frac{4}{10} = \frac{40}{100} = 40\%$, $\frac{11}{20} = \frac{55}{100} = 55\%$,
 $\frac{15}{20} = \frac{75}{100} = 75\%$

8a. True

Greater Depth

9a. $\frac{3}{4} = \frac{75}{100} = 75\%$, $\frac{3}{5} = \frac{60}{100} = 60\%$,
 $\frac{17}{25} = \frac{68}{100} = 68\%$, $\frac{4}{10} = \frac{40}{100} = 40\%$

10a. 40 squares shaded = 40%

11a. $\frac{6}{25} = \frac{24}{100} = 24\%$, $\frac{37}{50} = \frac{74}{100} = 74\%$,
 $\frac{4}{5} = \frac{80}{100} = 80\%$

12a. False, $\frac{13}{20}$ is 64%.

Varied Fluency Fractions to Percentages

Developing

1b. $\frac{1}{10} = \frac{10}{100} = 10\%$, $\frac{6}{10} = \frac{60}{100} = 60\%$,
 $\frac{8}{10} = \frac{80}{100} = 80\%$, $\frac{4}{10} = \frac{40}{100} = 40\%$

2b. 20 squares shaded = 20%

3b. $\frac{2}{10} = \frac{20}{100} = 20\%$, $\frac{3}{10} = \frac{30}{100} = 30\%$,
 $\frac{9}{10} = \frac{90}{100} = 90\%$

4b. True

Expected

5b. $\frac{6}{25} = \frac{24}{100} = 24\%$, $\frac{5}{20} = \frac{25}{100} = 25\%$,
 $\frac{9}{50} = \frac{18}{100} = 18\%$, $\frac{7}{10} = \frac{70}{100} = 70\%$

6b. 36 squares shaded = 36%

7b. $\frac{8}{25} = \frac{32}{100} = 32\%$, $\frac{3}{10} = \frac{30}{100} = 30\%$,
 $\frac{19}{20} = \frac{95}{100} = 95\%$

8b. False, $\frac{14}{20}$ is 70%.

Greater Depth

9b. $\frac{13}{20} = \frac{65}{100} = 65\%$, $\frac{2}{10} = \frac{20}{100} = 20\%$,
 $\frac{4}{5} = \frac{80}{100} = 80\%$, $\frac{19}{25} = \frac{76}{100} = 76\%$

10b. 60 squares shaded = 60%

11b. $\frac{14}{20} = \frac{70}{100} = 70\%$, $\frac{3}{4} = \frac{75}{100} = 75\%$,
 $\frac{16}{25} = \frac{64}{100} = 64\%$

12b. False, $\frac{41}{50}$ is 83%.