A scientist recorded that one-half the wallabies in an Australian animal park had joeys, which are baby wallabies. If there were 12 wallabies, how many of them had joeys?

\[
\frac{1}{2} = \frac{?}{12}
\]

Since \(\frac{1}{2}\) and \(\frac{6}{12}\) are the same amount, then \(\frac{1}{2} = \frac{6}{12}\). They are equivalent fractions.

Use models to identify equivalent fractions.

\[
\frac{1}{3} = \frac{2}{6}
\]

\[
\frac{1}{4} = \frac{2}{8}
\]

1. Use multiplication and division to find equivalent fractions. Shade in the fraction strips to check the answer.

\[
\frac{2}{5} = \frac{?}{10}
\]

\[
\frac{2}{5} = \frac{?}{10}
\]

\[
10 \div 5 = \square \quad 2 \times 2 = \square
\]
2. Divide the ninths into 3 equal groups. Shade 2 of those groups. Fill in the blanks.

\[
\frac{2}{3} = \frac{?}{9} \\
9 \div 3 = _____ \\
2 \times _____ = _____ \\
\]

3. Divide the tenths into 5 equal groups. Shade 3 of those groups. Fill in the blanks.

\[
\frac{3}{5} = \frac{?}{10} \\
10 \div 5 = _____ \\
3 \times _____ = _____ \\
\]

Find the equivalent fraction.

4. \[
\frac{1}{3} = \frac{3}{9} \\
9 \div 3 = 3
\]

5. \[
\frac{1}{2} = \frac{8}{8} \\
8 \div 2 = 4
\]

6. \[
\frac{3}{8} = \frac{?}{16}
\]

7. \[
\frac{2}{7} = \frac{?}{21}
\]

8. \[
\frac{6}{10} = \frac{?}{20}
\]

9. \[
\frac{1}{9} = \frac{?}{18}
\]

10. \[
\frac{4}{5} = \frac{?}{10}
\]

11. \[
\frac{2}{6} = \frac{?}{12}
\]

Complete the fractions. Solve.

12. One-third of the third graders wear glasses. If there are 15 students in the class, how many of them wear glasses?

\[
___ = ___
\]