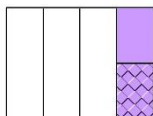


Quick Check on Multiplying Fractions

1. What is half of one-fourth?



2. What is a third of one-half?

3. A rope was divided into 3 equal parts. Each part was cut into 4 equal sections. What fraction of the original rope does each section represent?

4. On Saturday night, three-fourths of the theater was filled with high school students. One third of those high school students were 16 years old. What fraction of the theater was filled with 16-year-olds?

5. Multiply and simplify if necessary: $\frac{1}{4} \cdot \frac{3}{5}$

6. Multiply and simplify if necessary: $\frac{2}{5} \cdot \frac{5}{7}$

7. Multiply and simplify if necessary: $\frac{5}{6} \cdot \frac{24}{45}$

8. Multiply and simplify; express your answer as an improper fraction: $\frac{15}{4} \cdot \frac{40}{60}$

9. Multiply and simplify; express your answer as a mixed number: $\frac{20}{6} \cdot \frac{24}{12} \cdot \frac{30}{48}$

10. Multiply and simplify; express your answer as a mixed number: $\frac{18}{48} \cdot \frac{24}{30} \cdot \frac{36}{24} \cdot \frac{60}{18}$

Your Answers:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Think you've got this? Score yourself by comparing your answers with the correct answers!