

10A - Multiplying Fractions

1) Multiplying always makes numbers bigger. True or False? _____

2) Give an example of a problem where multiplying makes a number bigger:

_____ × _____ = _____

3) Give an example of a problem where multiplying makes a number smaller:

_____ × _____ = _____

Find each product.

4) $\left(-\frac{3}{2}\right)\left(\frac{1}{6}\right)$

5) $\frac{8}{2} \times \frac{2}{7}$

6) $-\frac{3}{2} \cdot -\frac{5}{6}$

7) $2\frac{3}{4} \cdot -\frac{1}{3}$

8) $2\frac{7}{10} \cdot -\frac{3}{2}$

9) $6 \times \frac{3}{2}$

10) $-5 \cdot -\frac{4}{5}$

11) $\left(-\frac{5}{3}\right)\left(\frac{7}{6}\right)$

12) $(-9)\left(\frac{2}{5}\right)$

13) $5\frac{1}{4} \times -\frac{1}{4}$

Describe the first step in computing the following:

14) $\frac{4}{5} + \frac{2}{3}$ _____

15) $\frac{3}{4} \times \frac{5}{3}$ _____

16) $\frac{1}{2} - \frac{5}{6}$ _____

17) $2\frac{5}{6} \times \frac{3}{4}$ _____