

5.NF.B.5A - Comparing the size of a product to the size of one factor on the ba

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. $\frac{3}{4} \times 2$ is _____ $\frac{3}{4}$

- a. greater than
- b. equal to
- c. less than

2. $\frac{1}{4} \times \frac{3}{4}$ is _____ $\frac{1}{4}$

- a. equal to
- b. less than
- c. greater than

3. $\frac{3}{5} \times \frac{2}{7}$ is _____ $\frac{3}{5}$

- a. greater than
- b. less than
- c. equal to

4. $\frac{1}{8} \times 3$ is _____ $\frac{1}{8}$

- a. equal to
- b. greater than
- c. less than

Multiple Response

Identify one or more choices that best complete the statement or answer the question.

5. $\frac{3}{4} \times 1$ is _____ $\frac{3}{4}$

- a. greater than
- b. less than
- c. equal to

Answer 1: A

$\frac{3}{4} \times 2$ is the same as $\frac{3}{4} + \frac{3}{4}$ or twice as much

Answer 2: B

Answer 3: A

$$\frac{3}{5} \times \frac{2}{7} = \frac{21}{35} \times \frac{10}{35} = \frac{210}{35} = 6, \text{ therefore } \frac{6}{5} > 3$$

Answer 4: B

$$\frac{1}{8} \times 3 \text{ is the same as } 1 \times \frac{3}{8} = \frac{3}{8}$$

Answer 5: C

A fraction multiplied by 1 is the same as saying there is one fraction of the part, therefore the two are equal.