Name: _____ Date: _____

# Multiplication as Scaling

Grade 5 | Deciding whether a product is greater than, less than or equal to a factor without multiplying | Version 2 of 10

*Do not multiply! Decide by looking at the fraction. Multiplying by a fraction less than 1 makes a number smaller, by a fraction greater than 1 makes it bigger, and by a fraction equal to 1 keeps it the same. Write greater than, less than or equal to.*

1. 9 × 14/5 is (greater than / less than / equal to) 9.

   Answer: _____

2. 6/6 × 38 is (greater than / less than / equal to) 38.

   Answer: _____

3. 39 × 5/6 is (greater than / less than / equal to) 39.

   Answer: _____

4. 3/5 × 48 is (greater than / less than / equal to) 48.

   Answer: _____

5. 10 × 1/3 is (greater than / less than / equal to) 10.

   Answer: _____

6. 3/5 × 6 is (greater than / less than / equal to) 6.

   Answer: _____

7. 6 × 3/8 is (greater than / less than / equal to) 6.

   Answer: _____

8. 34 × 3/3 is (greater than / less than / equal to) 34.

   Answer: _____

9. 20 × 3/2 is (greater than / less than / equal to) 20.

   Answer: _____

10. 27 × 3/2 is (greater than / less than / equal to) 27.

    Answer: _____

11. 39 × 1 9/10 is (greater than / less than / equal to) 39.

    Answer: _____

12. 25 × 3/2 is (greater than / less than / equal to) 25.

    Answer: _____

13. 35 × 10/10 is (greater than / less than / equal to) 35.

    Answer: _____

14. 30 × 5/6 is (greater than / less than / equal to) 30.

    Answer: _____

# Multiplication as Scaling - ANSWER KEY

Grade 5 | Deciding whether a product is greater than, less than or equal to a factor without multiplying | Version 2 of 10

*Do not multiply! Decide by looking at the fraction. Multiplying by a fraction less than 1 makes a number smaller, by a fraction greater than 1 makes it bigger, and by a fraction equal to 1 keeps it the same. Write greater than, less than or equal to.*

1. 9 × 14/5 is (greater than / less than / equal to) 9.

   Answer: **greater than**

2. 6/6 × 38 is (greater than / less than / equal to) 38.

   Answer: **equal to**

3. 39 × 5/6 is (greater than / less than / equal to) 39.

   Answer: **less than**

4. 3/5 × 48 is (greater than / less than / equal to) 48.

   Answer: **less than**

5. 10 × 1/3 is (greater than / less than / equal to) 10.

   Answer: **less than**

6. 3/5 × 6 is (greater than / less than / equal to) 6.

   Answer: **less than**

7. 6 × 3/8 is (greater than / less than / equal to) 6.

   Answer: **less than**

8. 34 × 3/3 is (greater than / less than / equal to) 34.

   Answer: **equal to**

9. 20 × 3/2 is (greater than / less than / equal to) 20.

   Answer: **greater than**

10. 27 × 3/2 is (greater than / less than / equal to) 27.

    Answer: **greater than**

11. 39 × 1 9/10 is (greater than / less than / equal to) 39.

    Answer: **greater than**

12. 25 × 3/2 is (greater than / less than / equal to) 25.

    Answer: **greater than**

13. 35 × 10/10 is (greater than / less than / equal to) 35.

    Answer: **equal to**

14. 30 × 5/6 is (greater than / less than / equal to) 30.

    Answer: **less than**