Name: _____ Date: _____

Multiplication as Scaling

Grade 5 | Deciding whether a product is greater than, less than or equal to a factor without multiplying | Version 8 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. 6/6 × 30 is (greater than / less than / equal to) 30.

   Answer: _____

2. 46 × 3/5 is (greater than / less than / equal to) 46.

   Answer: _____

3. 34 × 2 3/5 is (greater than / less than / equal to) 34.

   Answer: _____

4. 33 × 7/6 is (greater than / less than / equal to) 33.

   Answer: _____

5. 13 × 5/6 is (greater than / less than / equal to) 13.

   Answer: _____

6. 1/3 × 6 is (greater than / less than / equal to) 6.

   Answer: _____

7. 1/2 × 40 is (greater than / less than / equal to) 40.

   Answer: _____

8. 3/2 × 36 is (greater than / less than / equal to) 36.

   Answer: _____

9. 27 × 5/6 is (greater than / less than / equal to) 27.

   Answer: _____

10. 25 × 4/4 is (greater than / less than / equal to) 25.

    Answer: _____

11. 1/4 × 36 is (greater than / less than / equal to) 36.

    Answer: _____

12. 4/4 × 30 is (greater than / less than / equal to) 30.

    Answer: _____

13. 2 1/3 × 29 is (greater than / less than / equal to) 29.

    Answer: _____

14. 1 3/5 × 10 is (greater than / less than / equal to) 10.

    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 8 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. 6/6 × 30 is (greater than / less than / equal to) 30.

   Answer: **equal to**

2. 46 × 3/5 is (greater than / less than / equal to) 46.

   Answer: **less than**

3. 34 × 2 3/5 is (greater than / less than / equal to) 34.

   Answer: **greater than**

4. 33 × 7/6 is (greater than / less than / equal to) 33.

   Answer: **greater than**

5. 13 × 5/6 is (greater than / less than / equal to) 13.

   Answer: **less than**

6. 1/3 × 6 is (greater than / less than / equal to) 6.

   Answer: **less than**

7. 1/2 × 40 is (greater than / less than / equal to) 40.

   Answer: **less than**

8. 3/2 × 36 is (greater than / less than / equal to) 36.

   Answer: **greater than**

9. 27 × 5/6 is (greater than / less than / equal to) 27.

   Answer: **less than**

10. 25 × 4/4 is (greater than / less than / equal to) 25.

    Answer: **equal to**

11. 1/4 × 36 is (greater than / less than / equal to) 36.

    Answer: **less than**

12. 4/4 × 30 is (greater than / less than / equal to) 30.

    Answer: **equal to**

13. 2 1/3 × 29 is (greater than / less than / equal to) 29.

    Answer: **greater than**

14. 1 3/5 × 10 is (greater than / less than / equal to) 10.

    Answer: **greater than**