Multiplication as Scaling - ANSWER KEY

Grade 5 | Deciding whether a product is greater than, less than or equal to a factor without multiplying | Version 3 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. 26 × 5/6 is (greater than / less than / equal to) 26.

   Answer: **less than**

2. 16 × 10/10 is (greater than / less than / equal to) 16.

   Answer: **equal to**

3. 2/3 × 41 is (greater than / less than / equal to) 41.

   Answer: **less than**

4. 43 × 2/2 is (greater than / less than / equal to) 43.

   Answer: **equal to**

5. 9/10 × 44 is (greater than / less than / equal to) 44.

   Answer: **less than**

6. 26 × 1/6 is (greater than / less than / equal to) 26.

   Answer: **less than**

7. 1 5/8 × 44 is (greater than / less than / equal to) 44.

   Answer: **greater than**

8. 2/2 × 6 is (greater than / less than / equal to) 6.

   Answer: **equal to**

9. 21 × 1 3/5 is (greater than / less than / equal to) 21.

   Answer: **greater than**

10. 39 × 1 1/2 is (greater than / less than / equal to) 39.

    Answer: **greater than**

11. 8 × 1/2 is (greater than / less than / equal to) 8.

    Answer: **less than**

12. 45 × 1/2 is (greater than / less than / equal to) 45.

    Answer: **less than**

13. 2 7/10 × 24 is (greater than / less than / equal to) 24.

    Answer: **greater than**

14. 9/4 × 41 is (greater than / less than / equal to) 41.

    Answer: **greater than**