



MARK FOR REVIEW?

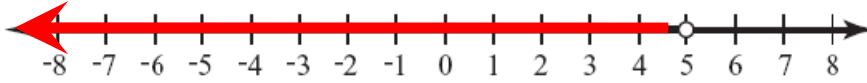


YES



NO

Three out of four of your homework problems had the solution graphed on the number line below.



Which of these does **not** represent the solution set to the inequality shown on the number line?

- A.  $3x < 15$
- B.  $x - 2 > 7$
- C.  $-3x > -15$
- D.  $x + 2 < 7$

**CSO: M.O.7.2.5 – DOK: 3**

Students will solve one-step linear equations and inequalities using a variety of strategies containing rational numbers with integer solutions; graph solutions, and justify the selection of the strategy and the reasonableness of the solution.

**Rationale:**

A: Has the solution of the number line

B: **Correct Response**

C: Has the solution of the number line

D: Has the solution of the number line



MARK FOR REVIEW?



YES



NO

Xavier has a deck of cards with shapes drawn on one side. He shuffles the deck, draws one card without looking, and then replaces the card in the deck. Look at the table showing the results of repeating this process 24 times.

Square	
Triangle	
Circle	
Pentagon	
Trapezoid	

Given these results, what is the probability that the next card Xavier draws will have a pentagon on it?

- A.  $\frac{1}{4}$
- B.  $\frac{1}{6}$
- C.  $\frac{1}{5}$
- D.  $\frac{5}{6}$

**CSO: M.O.7.5.1 – DOK: 2**

**Students will determine theoretical probability of an event, make and test predictions through experimentation.**

**Rationale:**

**A:** Confuses 4 out of 24 with 6 out of 24

**B:** Correct Response

**C:** Takes 4 out of 20 instead of 4 out of 24

**D:** Probability of NOT getting a pentagon card