

6th Review #27 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

1. Model to find the product

$$3 \bullet \frac{1}{9}$$

$$3 \bullet \frac{1}{9} = \underline{\hspace{2cm}}$$

2. Jackie bought 35 cherry wood chairs and 45 oak chairs for his offices. What is the ratio of the total number of chairs to the cherry wood chairs? (Show work!)

- A 9 to 16
- B 16 to 7
- C 16 to 9
- D 7 to 16

3. Model to find the product

$$4 \bullet \frac{3}{4}$$

$$4 \bullet \frac{3}{4} = \underline{\hspace{2cm}}$$

Name _____

4. Which of the following would be the same as the improper fraction $\frac{25}{10}$?

- A **5 $\frac{1}{10}$ pounds**
- B **2 $\frac{1}{2}$ pounds**
- C **2 $\frac{1}{10}$ pounds**
- D **5 $\frac{5}{10}$ pounds**

5. Baylee jumped $12 \frac{3}{4}$ feet in the broad jump, her brother jumped $12 \frac{7}{8}$ feet and her sister jumped $12 \frac{3}{5}$ feet. **Explain and show** who jumped longer? (*Show your work of who jumped longer*)

6. Which of the following is true? (*Show how you compared and ordered*)

- A $\frac{1}{4} < 0.7 < 75 \% < 0.087$
- B $75 \% < 0.7 < \frac{1}{4} < 0.087$
- C $0.087 < \frac{1}{4} < 0.7 < 75 \%$
- D $0.7 < \frac{1}{4} < 0.087 < 75 \%$

Adv. Review #27 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

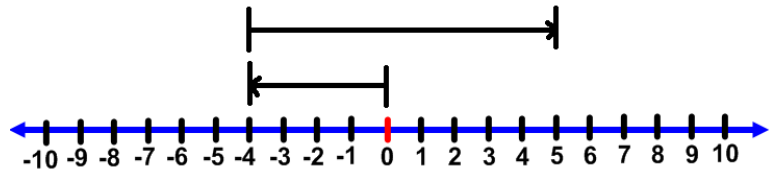
7.

Kira owes Mark \$5, and Mark owes Kira \$7.
Which statement means the same thing?

- A. Kira owes Mark \$2.
- B. Kira owes Mark \$12.
- C. Mark owes Kira \$2.
- D. Mark owes Kira \$12.

8. Model the following on a number line.
-2 + -1 + 5

9. Write the expression that is modeled below.
(Show how you found the expression)



10.

Three friends each played the same computer game. The table below shows the fraction of the game each of them has completed.

Fraction of Computer Game Completed

Name	Fraction Completed
Akira	$\frac{1}{2}$
Connor	$\frac{2}{5}$
Duan	$\frac{2}{3}$

Which of the following statements is true?

- A. Akira has completed less of the game than Duan has.
- B. Connor has completed more of the game than Duan has.
- C. Akira and Connor have completed the same amount of the game.
- D. Connor and Duan have completed the same amount of the game.