

Name _____

Period _____

Mixer #4

MCAS MIXER



1) Which of the following equations is TRUE?

- a) $(4 + 5)^2 = 4^2 + 5^2$
- b) $(4 + 5)^2 = 4^2 + 5$
- c) $(4 + 5)^2 = (4 + 5)(4 + 5)$
- d) $(4 + 5)^2 = 4 + 5^2$

2)

$$| 8 - 11 | - 3 | 6 | =$$

3) Which of the following is the same as dividing a number by four?

- a) multiplying by two
- b) multiplying by one-half
- c) multiplying by one-quarter
- d) dividing by one-quarter

4) The distance d that an automobile travels varies directly as the time t that it travels. After four hours, an automobile has traveled 232 miles. Which of the following is an Equation that relates d and t ?

- a) $d = t + 232$
- b) $t = 232d$
- c) $t = d - 232$
- d) $d = 58t$

5) Which point on the number line below BEST represents the location of the $\sqrt{220}$?

