

Which of the following have a product of 831.6?

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|----------------------|----------------------|
| a. 6.2, 11, and 10.5 | d. 7.2, 12, and 11.5 |
| b. 11.5, 6.2, and 12 | e. 12, 10.5, and 6.2 |
| c. 11, 11.5, and 7.2 | f. 10.5, 11, and 7.2 |

Which of the following have a product of 8,710.8?

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|-----------------------|-----------------------|
| a. 13, 24.4, and 26.5 | d. 25.5, 13, and 23.4 |
| b. 14, 23.4, and 25.5 | e. 26.5, 14, and 24.4 |
| c. 23.4, 26.5, and 13 | f. 24.4, 14, and 25.5 |

If  $x$  is positive, which of the following are true?

- The quotient of  $x$  and  $\frac{20}{19}$  is less than  $x$ .
- The product of  $x$  and  $\frac{-20}{19}$  is less than  $x$ .
- The product of  $x$  and  $\frac{-20}{19}$  is greater than  $x$ .
- The quotient of  $x$  and  $\frac{20}{19}$  is greater than  $x$ .

If  $x$  is positive, which of the following are true?

- The product of  $x$  and  $\frac{1}{2}$  is greater than  $x$ .
- The quotient of  $x$  and  $\frac{1}{2}$  is greater than  $x$ .
- The product of  $x$  and  $\frac{1}{2}$  is less than  $x$ .
- The quotient of  $x$  and  $\frac{1}{2}$  is less than  $x$ .

If  $x$  is negative, which of the following are true?

- The quotient of  $x$  and  $\frac{20}{19}$  is greater than  $x$ .
- The product of  $x$  and  $\frac{20}{19}$  is greater than  $x$ .
- The product of  $x$  and  $\frac{20}{19}$  is less than  $x$ .
- The quotient of  $x$  and  $\frac{20}{19}$  is less than  $x$ .

If  $x$  is negative, which of the following are true?

- The quotient of  $x$  and  $\frac{17}{18}$  is greater than  $x$ .
- The product of  $x$  and  $\frac{-17}{18}$  is less than  $x$ .
- The product of  $x$  and  $\frac{-17}{18}$  is greater than  $x$ .
- The quotient of  $x$  and  $\frac{17}{18}$  is less than  $x$ .

Which of the following have a sum of  $-16.2$ ?

- $-18.2$  and  $3$
- $-28$  and  $10.8$
- $-23$  and  $5.8$
- $-6.2$  and  $-10$
- $-17$  and  $0.8$
- $-34.2$  and  $19$

Which of the following have a sum of  $-2.2$ ?

- $-8$  and  $4.8$
- $-52.2$  and  $50$
- $26$  and  $-29.2$
- $-24.2$  and  $21$
- $19$  and  $-21.2$
- $55.8$  and  $-59$

Which of the following do not have a sum of 9.9?

- a. 36 and  $-27.1$
- b. 45.9 and  $-35$
- c.  $-58$  and  $67.9$
- d.  $-8$  and  $17.9$
- e.  $-6.1$  and  $16$
- f.  $65.9$  and  $-56$

Which of the following do not have a sum of  $-6.6$ ?

- a.  $-35$  and  $28.4$
- b.  $-18$  and  $12.4$
- c.  $19.4$  and  $-26$
- d.  $56$  and  $-62.6$
- e.  $-55.6$  and  $50$
- f.  $-24.6$  and  $18$

Which of the following are exactly 22.7 apart on a number line?

- a.  $-14$  and  $-36.7$
- b.  $34.3$  and  $56$
- c.  $-68.7$  and  $-46$
- d.  $5$  and  $-18.7$
- e.  $6$  and  $-17.7$
- f.  $-1.7$  and  $23$

Which of the following are exactly 1.8 apart on a number line?

- a.  $-45$  and  $-47.8$
- b.  $47.2$  and  $49$
- c.  $-51.8$  and  $-49$
- d.  $-43$  and  $-45.8$
- e.  $-63.8$  and  $-60$
- f.  $23$  and  $21.2$

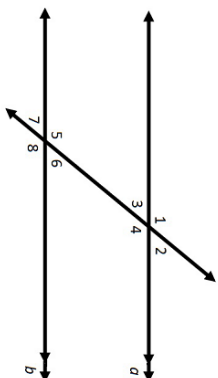
- Which of the following are not exactly 29.7 apart on a number line?
- a. 50 and 20.3
  - b. -11.7 and 20
  - c. 56 and 25.3
  - d. 13 and -16.7
  - e. -23.7 and 6
  - f. 30.3 and 60

- Which of the following are not exactly 5.6 apart on a number line?
- a. -18 and -23.6
  - b. -23 and -27.6
  - c. 34 and 28.4
  - d. -12.6 and -5
  - e. 16.4 and 22
  - f. -3.6 and 2

- Which of the following have a quotient of -12.4?
- a. 136.4 and -11
  - b. 137.4 and -12
  - c. -123 and 9
  - d. -124 and 10

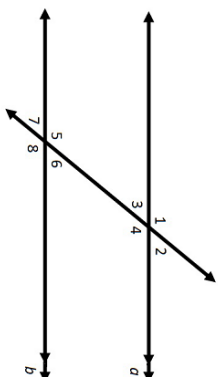
- Which of the following have a quotient of -19?
- a. -132 and 8
  - b. -95 and 5
  - c. -133 and 7
  - d. -96 and 6

Which of the following angle pairs are identified correctly?



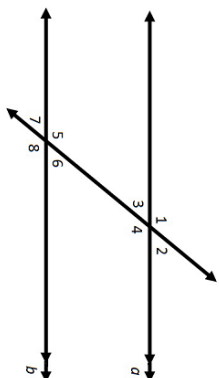
- Alternate Interior:  $\angle 3$  and  $\angle 7$
- Corresponding:  $\angle 5$  and  $\angle 4$
- Alternate Exterior:  $\angle 8$  and  $\angle 1$
- Consecutive Interior:  $\angle 5$  and  $\angle 3$

Which of the following angle pairs are identified correctly?



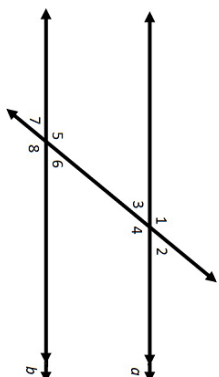
- Alternate Interior:  $\angle 6$  and  $\angle 3$
- Corresponding:  $\angle 7$  and  $\angle 2$
- Consecutive Interior:  $\angle 3$  and  $\angle 5$
- Alternate Exterior:  $\angle 6$  and  $\angle 2$

Which of the following angle pairs are identified incorrectly?



- Alternate Exterior:  $\angle 6$  and  $\angle 4$
- Consecutive Interior:  $\angle 8$  and  $\angle 1$
- Corresponding:  $\angle 5$  and  $\angle 1$
- Alternate Interior:  $\angle 6$  and  $\angle 3$

Which of the following angle pairs are identified incorrectly?



- Consecutive Interior:  $\angle 1$  and  $\angle 5$
- Alternate Exterior:  $\angle 8$  and  $\angle 1$
- Alternate Interior:  $\angle 3$  and  $\angle 6$
- Corresponding:  $\angle 6$  and  $\angle 4$

What is the least common denominator for  $\frac{6}{5}$  and  $\frac{26}{25}$ ?

What is the least common denominator for  $\frac{18}{19}$  and  $\frac{9}{8}$ ?