



Name _____ Class _____ Date _____

- 1 If a triangle with sides of 3 and 4 and a hypotenuse of 5 is a right triangle, a triangle with sides of 12 and 16 and a hypotenuse of 20 is also a **right triangle**.
Why is this correct?

A 12-16-20 are multiples of 3-4-5.
B $12 \text{ and } 16 = 28$
C $20^2 = 400$
D A 12-16-20 triangle is not a right triangle.

- 2 Why is a rhombus **not** a square?

A A square has 2 pairs of parallel sides.
B A square has 4 right angles.
C A rhombus has 2 pairs of parallel sides.
D A square has 4 equal sides.

- 3 Taquisha says the slope of the line shown is $\frac{4}{2}$ or 2. Why is she **not** correct?

A The line goes through the origin.
B The line goes through the y-axis.

- 4 Anne and Cassandra run in a 26-mile marathon. Anne finishes in **10 hours 38 minutes**. Cassandra finishes in **9 hours 57 minutes**. Anne ran faster.

5



PREVIEW

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7

True or false?

A true
B false

A \$2
B \$4
C \$4.80
D \$48

- 9 At the Shop-a-Lot store, there is a sale and everything is **25%** off the original price. If a sweater originally costs **\$19.99**, what is the sale price?

A \$4.00
B \$5.00
C \$14.99
D \$15.99

- 10 Jesse has some coins in his pocket that add up to **\$1.65**. He has three times as many **dimes** than **quarters**. How many dimes and quarters does he have?

A 3 dimes, 9 quarters
B 9 dimes, 3 quarters
C 2 dimes, 6 quarters
D 6 dimes, 2 quarters



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(A)

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(B)

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(D)

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(B)



PREVIEW

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B

True or false?

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(C)

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