Math Practice - Grade 8

M3 Proportional relationships, slope, linear equations - Compare two proportional relationships

M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read both relationships. Circle the faster one.

Example: Car A travels at 5 miles per hour. Car B travels 24 miles in 4 hours. Which car is faster?

How: Find the unit rate of each relationship. The greater unit rate is the steeper line and the faster speed.

Car A | Car B

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1 **Car A travels at 6 miles per hour. Car B travels 60 miles in 5 hours. Which car is faster?**

Car A | Car B

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2 **Car A travels at 8 miles per hour. Car B travels 33 miles in 3 hours. Which car is faster?**

Car A | Car B

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3 **Car A travels at 7 miles per hour. Car B travels 44 miles in 4 hours. Which car is faster?**

Car A | Car B

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M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read both relationships. Circle the faster one.

Example: Car A travels at 8 miles per hour. Car B travels 21 miles in 3 hours. Which car is faster?

How: Find the unit rate of each relationship. The greater unit rate is the steeper line and the faster speed.

Car A Car B

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1 **Car A travels at 11 miles per hour. Car B travels 16 miles in 2 hours. Which car is faster?**

Car A Car B

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2 **Car A travels at 11 miles per hour. Car B travels 60 miles in 5 hours. Which car is faster?**

Car A Car B

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3 **Car A travels at 11 miles per hour. Car B travels 18 miles in 2 hours. Which car is faster?**

Car A Car B

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M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read both relationships. Circle the faster one.

Example: Car A travels at 6 miles per hour. Car B travels 4 miles in 2 hours. Which car is faster?

How: Find the unit rate of each relationship. The greater unit rate is the steeper line and the faster speed.

Car A Car B

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1 **Car A travels at 5 miles per hour. Car B travels 4 miles in 2 hours. Which car is faster?**

Car A Car B

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2 **Car A travels at 10 miles per hour. Car B travels 36 miles in 3 hours. Which car is faster?**

Car A Car B

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3 **Car A travels at 7 miles per hour. Car B travels 12 miles in 4 hours. Which car is faster?**

Car A Car B