

Rates & Units Practice

Distance, Rate, Time and Unit Conversions

Name: _____ Date: _____

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Q1. The Dragon's Flight

A dragon flies at 45 miles per hour for 3 hours. How far does it fly?

Q2. The Troll's Walk

A troll walks 32 miles in 8 hours. What is the troll's speed in miles per hour?

Q3. The Griffin's Trip

A griffin flies at 60 miles per hour. How many hours does it take to fly 240 miles?

Q4. Monster Snacks

A monster eats 6 cookies per minute. How many cookies does it eat in 15 minutes?

Q5. The Wizard's Staff

A wizard's staff is 4 feet long. How many inches is that?

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Q6. The Unicorn's Gallop

A unicorn gallops at 24 miles per hour for 45 minutes. How many miles does it travel? (Hint: change 45 minutes into a fraction of an hour first.)

Q7. Meeting in the Middle

Two dragons start 180 miles apart and fly toward each other. One flies at 40 mph and the other at 50 mph. How many hours until they meet? How far has the faster dragon flown when they meet?

Q8. The Giant's Rug

A giant's rug is 3 yards wide and 4 yards long. What is its area in square feet?

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Q9. The Chase

A goblin steals a gem and runs off at 6 miles per hour. Two hours later, a knight on horseback starts chasing at 18 miles per hour. How many hours after the knight starts does he catch the goblin? How far from the castle are they when he does?

Q10. The Round Trip

A dragon flies 120 miles to a mountain at 60 mph. The wind is against her on the way back, so she flies home at only 40 mph. What is her average speed for the whole round trip? (Careful - it is NOT 50 mph. Find the total distance and the total time.)