

Vocabulary Matching

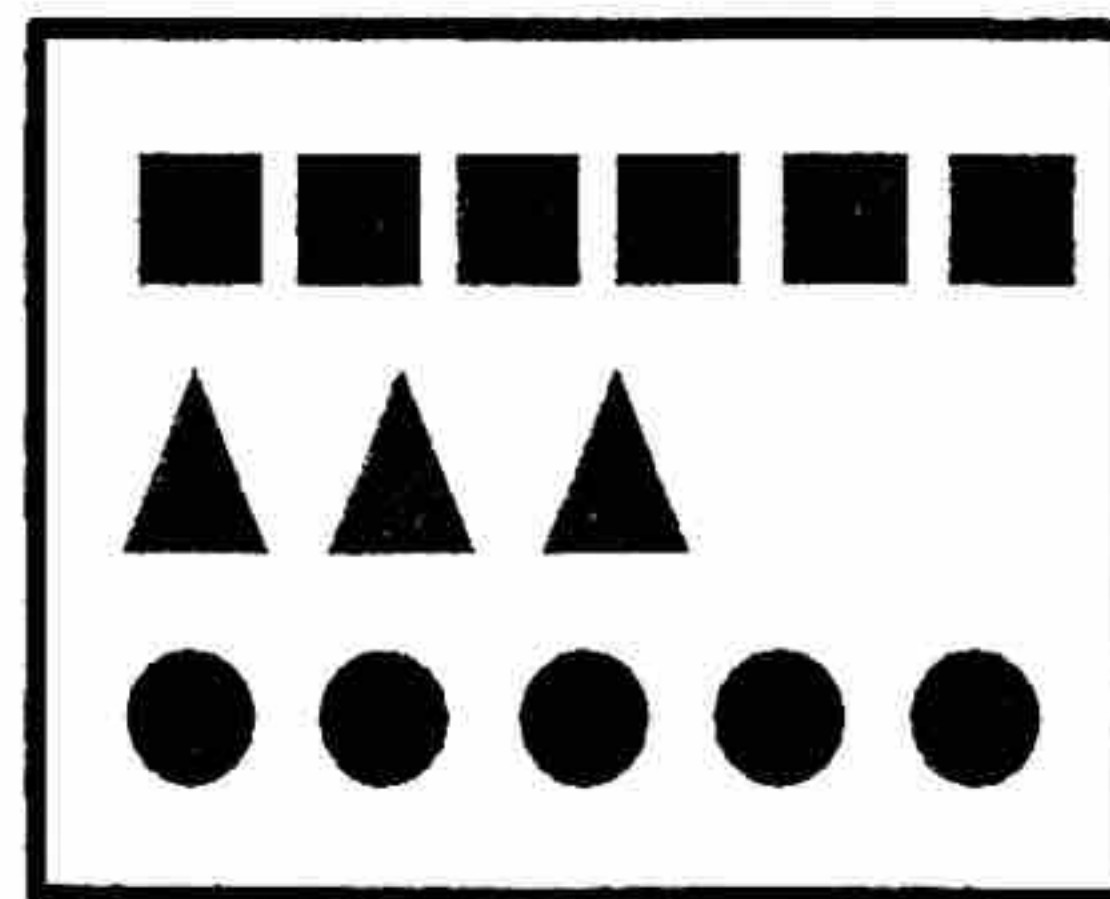
Define the following terms:

- 1) proportion an equation of equivalent ratios
- 2) unit rate a comparison of two measurements in which 1 term is 1
- 3) ratio a comparison of 2 numbers

Solve the following problems. Show your work! Simplify your answers if you can!

- 4) A sandwich shop has 36 turkey sandwiches and 12 ham sandwiches. What is the ratio of turkey sandwiches to ham sandwiches? 3:1

- 5) What is the ratio of circles to triangles and squares?



- 6) What is the ratio of triangles to squares? 5:9

- 7) What is the ratio of squares to ALL shapes? 1:2

- 8) What type of ratio did you find in question #6? 3:7

- 9) What type of ratio did you find in question #7? part to part

- 10) Mrs. Katz spent \$12 for 6 pencils. What is the unit rate? (Price per pencil) part to whole

- 11) Use ratio language to write the following: 3 footballs : 5 soccer balls

\$2 for 1 pencil

There are 3 footballs for every 5 soccer balls.

Use the table to answer questions 12 and 13. OR For every 3 footballs, there are 5 soccer balls.

The table below shows the rates of 2 racecars in a race. Evaluate the unit rates.

- 12) Complete the chart:

Racecar	Rate	Unit Rate (miles per hour)
Red Car	360 miles/3 hours	120 miles per hour
Yellow Car	500 miles/5 hours	100 miles per hour

- 13) In the chart above, which car was the fastest? How do you know?

Red car because it went more miles in one hour.