

February 27, 2013
Math Bowl

1. If Fanchon's paycheck was \$195.75 before any deductions, and she earns \$7.25 an hour, how many hours did she work?

2. the symbol means "is less than." Solve for "?"

$$\frac{3}{5} < \frac{?}{7} < \frac{4}{5}$$

3. Use $<$, $>$, or $=$ to fill in the box

$$\frac{1}{6} \times \frac{1}{2} \times \frac{1}{3} \times 12,000$$



$$\frac{1}{9} \times \frac{1}{4} \times 10,000$$

4. Simplify

$$4 - \frac{2}{3} + \frac{11}{6} + 3.5 - 1\frac{2}{3}$$

5. Evaluate. Write your answer as a simple fraction.

$$1 + \frac{1}{1 + \frac{1}{1 + 1}}$$

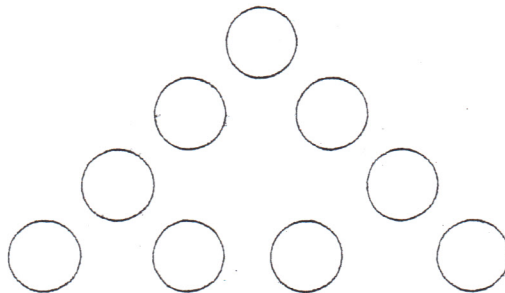
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1. John plays rugby. If John can run 50 meters in 3.2 seconds, how long will it take him to run down the entire 125-meter rugby field at this given rate?

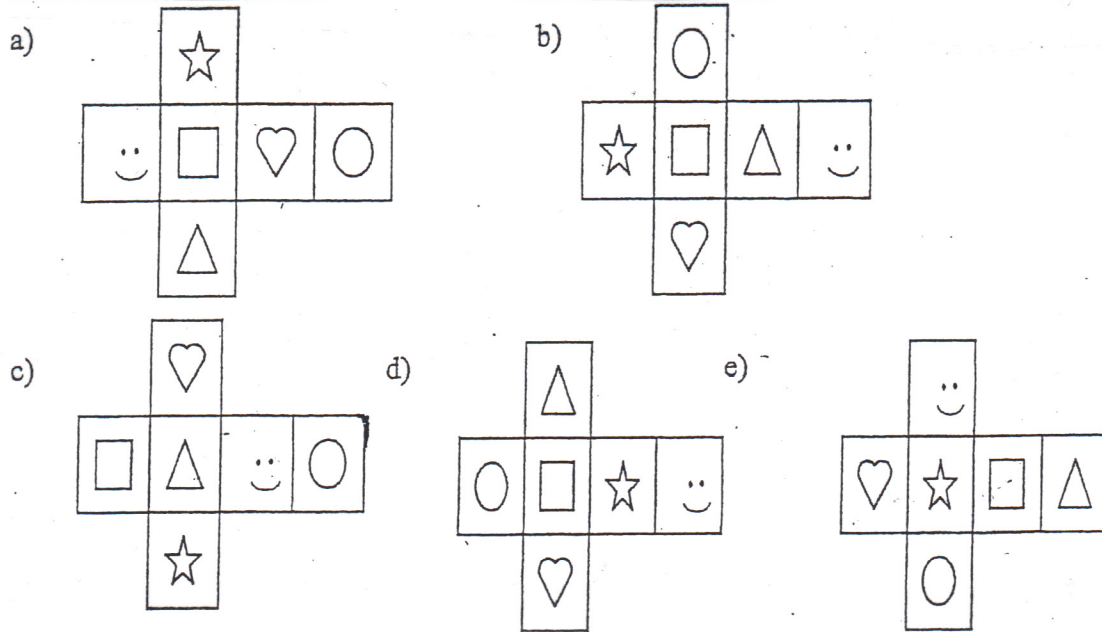
2. Answer in regular numbers

$$\text{XXXIV} - \text{VIII} + \text{IX} - \text{XXII} =$$

3. Fill in the circles so that the sum along each side is 20



4. You have a six-sided cube. On the opposite side of the square is a smiley face. On the opposite side of the star is a circle. On the opposite side of the triangle is a heart. Which of the following is the correct net of your cube?



5. If you add all the angles of a triangle they equal 180° . Find X.

