

Jon thinks the perfect fruit punch mixture is made by combining punch concentrate, lemon-lime soda, and water in a ratio of 2:6:4. If he wants to make 180 ounces of fruit punch, how many ounces of water should he use?

- a. 15
- b. 60
- c. 75
- d. 45

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**19**

Sarah's car used 9 gallons of gas to travel 250 miles. If gas cost \$2.05 per gallon, how much will it cost her to travel 375 miles?

- a. \$27.68
- b. \$40.50
- c. \$25.82
- d. \$20.33

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**20**

A square T-Ball field is to be enlarged so the older players may use it. Each side is going to be tripled. If the original field was 400 feet around, what will the area of the new field be?

- a. 10,000 square feet
- b. 1,440,000 square feet
- c. 1,200 square feet
- d. 90,000 square feet

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**21**

If the radius of a circle is doubled in length, how would it affect the circumference of the circle?

- a. The circumference would also double.
- b. The circumference would not change.
- c. The circumference would be four times as great.
- d. The circumference would be half as great.

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**22**

Felicia solved the problem below using the following steps. Which of the statements below is true?

$$4 - 3(x - 2) = 4x - 5$$

- Step 1:  $4 - 3x - 6 = 4x - 5$
- Step 2:  $3x - 10 = 4x - 5$
- Step 3:  $x - 10 = 5$
- Step 4:  $x = 5$

- a. Felicia's answer is correct.
- b. Felicia made a mistake in Step 1.
- c. Felicia made a mistake in Step 2.
- d. Felicia made a mistake in Step 3.

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**23**

It is 358 miles from Olympia, Washington to Spokane, Washington. If you made the trip in 6 hours and 24 minutes, what was your average speed to the nearest mile per hour?

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