

Round 1 - Question 1

Today, the sum of Kristin's age and Heather's age is 28. What will be the sum of their ages in 7 years?

School Code

Answer

Round 2 - Question 1

If you add my age 10 years ago to my age 10 years from now, then the sum will be times my current age?

School Code

Answer

Round 1 - Question 2

Stephen has \$1.50 and John has \$2.25. If pencils cost 15¢, John can buy how many more pencils than Stephen?

School Code

Answer

Round 2 - Question 2

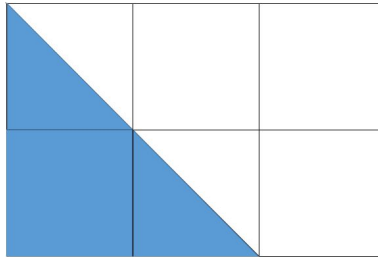
Tracy paid \$9.75 for 13 pens. Bonnie paid \$6.90 for 10 pens. How much did Bonnie save per pen?

School Code

Answer

Round 1 - Question 3

The following figure is made up of 6 congruent squares. If the perimeter of the figure is 30, what is the area of the shaded region?

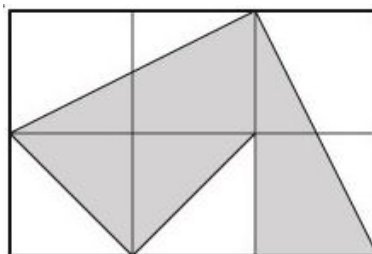


School Code

Answer

Round 2 - Question 3

The following figure is made up of 6 congruent squares. If the area of the shaded region is 75, what is the perimeter of the figure?



School Code

Answer

Round 1 - Question 4

Norma created a rectangle by plotting the following points on a coordinate plane:

$(1, 1)$, $(4, 1)$, $(4, 6)$, $(1, 6)$

What is the perimeter of the rectangle?

School Code

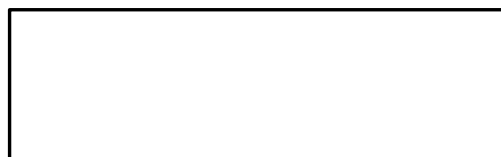


Answer

Round 2 - Question 4

Leila drew a triangle by plotting the points $(0, 4)$, $(4, 0)$, and $(8, 4)$ on a coordinate plane. What is the area of the triangle she drew?

School Code



Answer

Round 1 - Question 5

When the following five numbers are written in order from least to greatest, what is the second number?

$$\frac{3}{2}$$

1.4

$$\frac{4}{3}$$

$$1\frac{2}{3}$$

$$\frac{11}{8}$$

School Code

Answer

Round 2 - Question 5

When the following four numbers are written in order from least to greatest, what is the product of the second and third numbers?

0.72

$$\frac{3}{5}$$

0.625

$$\frac{5}{3}$$

School Code

Answer

Round 1 - Question 6

A class of 28 students were surveyed and asked if they ever had dogs or cats as pets at home.

- 18 students said they had a dog
- 16 students said they had a cat
- 4 students said they did not have either a dog or a cat

How many students had only a dog?

School Code

Answer

Round 2 - Question 6

A class of 50 students were surveyed and asked if they had taken art or music.

- 28 students said they had taken art
- 20 students said they had taken music
- 8 students said they hadn't taken neither art nor music

How many students had only taken one of those courses?

School Code

Answer

Round 1 - Question 7

What time is 333 minutes after 3:33 pm?

School Code

Answer

Round 2 - Question 7

What time is 555 minutes before 5:55 am?

School Code

Answer

Round 1 - Question 8

The sum of the first 5 prime numbers is how much more than the sum of the first 5 whole numbers?

School Code

Answer

Round 2 - Question 8

What is two-thirds of the product of all the single digit prime numbers?

School Code

Answer

Round 1 Answers

1. 42
2. 5
3. 18
4. 16
5. 1.4
6. 8
7. 9:06 pm
8. 18

Round 2 Answers

1. 2
2. 6 cents
3. 50
4. 16
5. 0.45
6. 36
7. 8:40 pm
8. 140