FOR EACH PROBLEM – NO CALCULATORS

Name_____

1. Name the ordered pairs for each point on the coordinate plane and name the quadrant that they are located in.

4. Mr. Love bought 5 bow ties for $9.95. Mr. Matlock bought 3 ties for $4.74. How much more did Mr. Love pay for each one of his ties than Mr. Matlock? *(Show how much one tie cost for each person first.)*

A $5.21

B $0.41

C $14.69

D $1.99

Quadrant?

```
C (    ,    )        _____
E (    ,    )        _____
P (    ,    )        _____
K (    ,    )        _____
H (    ,    )        _____
S (    ,    )        _____
M (    ,    )        _____
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5. Which of the following is a perfect square?

A   25

B   6

C   3

D   26
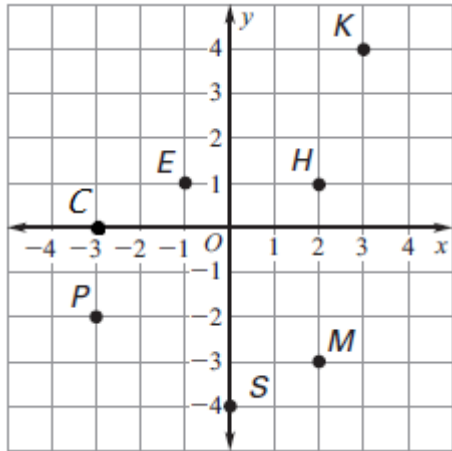
2. **Use shortcut to solve:**

$$2\tfrac{1}{4} \div \tfrac{1}{3}$$

6. Beth wanted to make $1\frac{1}{2}$ batches of fudge for the fair. If each batch of fudge needs $2\frac{1}{4}$ cups of milk, how many cups of milk will he need to make fudge for his class? *(Show how you found the amount of milk)*

3. Jacob made 29 of the 50 free throw shots last year. What percent of the free throw shots did Jacob *make? (Show how you found the amount he missed)*

1. The highest recorded temperature in Florida is 109 degrees Fahrenheit. The lowest is -2 degrees Fahrenheit. What is the difference from the low temperature to the high temperature?

8. The number 1 is a perfect square number. Draw a square in the space provided that proved that 1 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{1} = \underline{\quad\quad}$$

10. Which of the following is false?

A $10^5 = 100{,}000$
B $10^2 = 100$
C $10^3 = 10{,}000$
C $10^1 = 10$