Name **Answer Key**

Homework Feb 17 - 21

1.

Scale: 3 ft × 3 ft square

$12 \times 3 = 36$

Perimeter = **36**

2.

$6 - 4 = 1$

$9 - 7 = 2$

7 yd, 4 yd, 5 yd, 9 yd
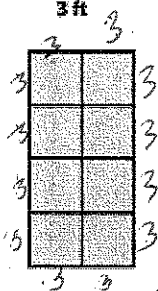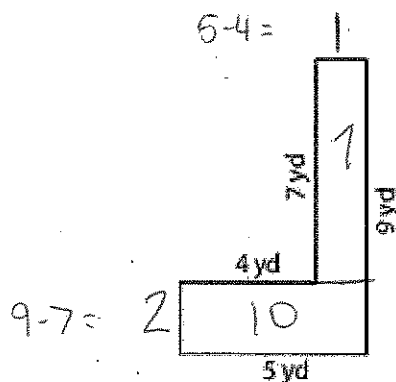
Area = **17**

Perimeter = **28**

add all the sides

3. Make a stem and leaf plot for this data.

5.8, 6.4, 5.8, 7.5, 6.9, 8.4, 7.6, 6.4, 8.7

Stem	Leaf
5	8 8
6	4 4 9
7	5 6
8	4 7

Key: 8|4 = **8.4**

4.

$$\begin{array}{ccccc} & & 2 & . & 4 \\ + & 4 & 7 & . & 9 \\ \hline & 5 & 0 & . & 3 \end{array}$$

5.

$$\begin{array}{ccccc} & 1 & 3 & . & 5 & 8 \\ + & 4 & 9 & . & 6 & 7 \\ \hline & 6 & 3 & . & 2 & 5 \end{array}$$

6. Ken and Joe attend a health camp at school. Their heights are noted as 4.01 feet and 3.71 feet respectively. What is the difference in height between Ken and Joe?

$$\begin{array}{r} 3\cancel{4}.01 \\ - 3.71 \\ \hline 0.30 \end{array}$$

7. A one-year subscription of a science magazine costs $37.00. If you were to buy 12 issues of the same magazine from a newsstand for a year, you would end up spending $72.88. How much will you save by opting for a subscription?

$$\begin{array}{r} 72.88 \\ - 37.00 \\ \hline \$35.88 \end{array}$$

8. Clara and her friends take an average of 13 hours to mow a community lawn over a weekend. How many hours on an average will they take to mow 14 such lawns?

13×14

26×7

	10	3
10	100	30
4	40	12

$$\begin{array}{r} 426 \\ \times\ 7 \\ \hline 182 \end{array}$$

182

9. A high-rise building is installed with 252 smoke alarms. If each floor is fitted with 3 smoke alarms, how many floors does the high-rise building have?

50×3

33×3

1×3

$$\begin{array}{r} 252 \\ -150 \\ \hline 102 \\ -99 \\ \hline 3 \\ -3 \\ \hline 0 \end{array}$$

84 floors

10. Write the missing decimals in the number line.

0.6 0.6 0.6

8   8.6   9.2   9.8   10.4   11   11.6   12.2   12.8   13.4

find the difference

$$\begin{array}{r} 13.4 \\ -12.8 \\ \hline 0.6 \end{array}$$

This is now your pattern

11. Compare each fraction with <, >, or = .

0.8 > 0.3

0.4 < 0.6

0.92 > 0.91

0.5 = 0.50

0.05 < 0.1 ← don't forget!
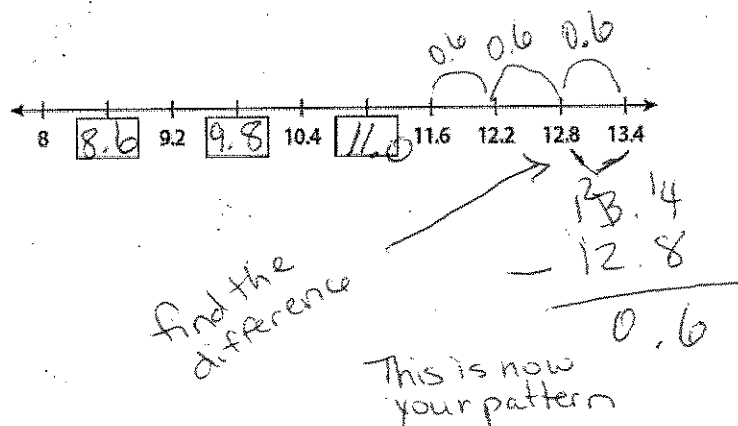
12. What is the measure of the angle?

start at this zero

65°