

24

14
13-A
12-B
11-C10-C
9-D
8-F

Name: Key

Per:

MATH PRACTICE

Week 19

Due: Thursday, 2/7

6-90. There were 25 words on a recent vocabulary test in English class, and Owen got four words wrong. What percent did he get correct? $25 - 4 = 21$ words correct

$$\frac{21}{25} \times \frac{4}{4} = \frac{84}{100} = 84\%$$

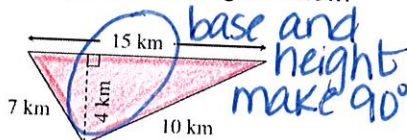
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6-99. Show how to divide 3 pieces of licorice among 4 people. How much does each person get?



$$3 \div 4 = \frac{3}{4} \text{ for each person}$$

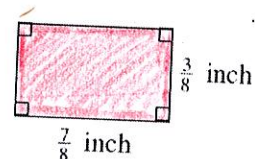
6-89. Find the area of each figure below.



$$A = \frac{1}{2}bh$$

$$A = \frac{1}{2} \cdot 4 \cdot 15$$

$$A = 2 \cdot 15 = 30 \text{ km}^2$$



$$A = bh$$

$$A = \frac{7}{8} \cdot \frac{3}{8} = \frac{21}{64} \text{ in}^2$$

6-107. Rewrite by combining like terms.

$$7x + 2z + 3z + 3 + x$$

$$8x + 5z + 3$$

6-98. Molly and Nancy disagree about the value of the expression $2 + 3 \cdot 4$. Molly thinks it is 20, and Nancy thinks it is 14. Who is correct? How do you know?

$$2 + 3 \cdot 4$$

$$2 + 12$$

$$14$$

Nancy is correct because she followed the order of operations.

6-75. Evaluate the expressions below using $r = 3$ and $h = 5$.

a) $6h - 4$

$$6(5) - 4$$

$$30 - 4$$

$$26$$

b) $8r + h$

$$8(3) + 5$$

$$24 + 5$$

$$29$$

c) r^2

$$(3)^2$$

$$3 \times 3$$

$$9$$