

WORD OF THE DAY

SQUARE FOOT A UNIT OF AREA EQUAL
TO ONE FOOT BY ONE FOOT SQUARE.

A **SQUARE FOOT** IS EQUAL TO 144 SQUARE INCHES.

*KEEP IN MIND THAT A SQUARE FOOT DOESN'T
NECESSARILY HAVE TO BE SHAPED LIKE A SQUARE.

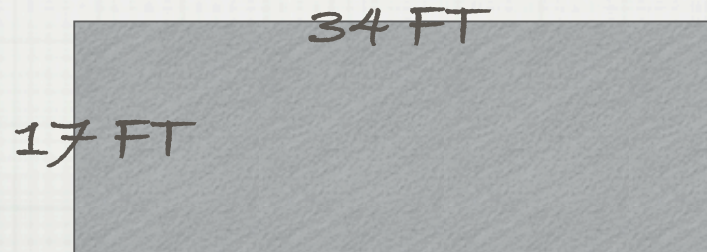
CALCULATING SQUARE FEET

REVIEW OF EQUATIONS

SQUARE/RECTANGLE

WIDTH X LENGTH

EX.



$$34 \times 17 = 578 \text{ SQ. FT}$$

CALCULATING SQUARE FEET

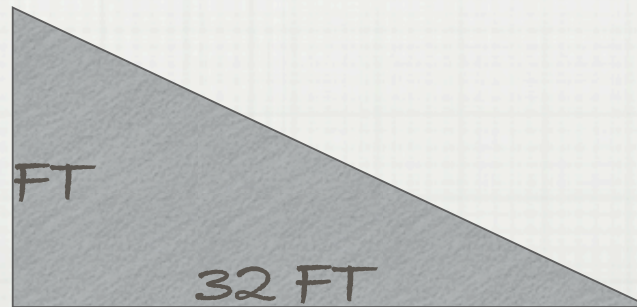
REVIEW OF EQUATIONS

TRIANGLE

$$\frac{1}{2}(\text{BASE} \times \text{HEIGHT})$$

EX.

12 FT



32 FT

$$\frac{1}{2} (12 \times 32)$$

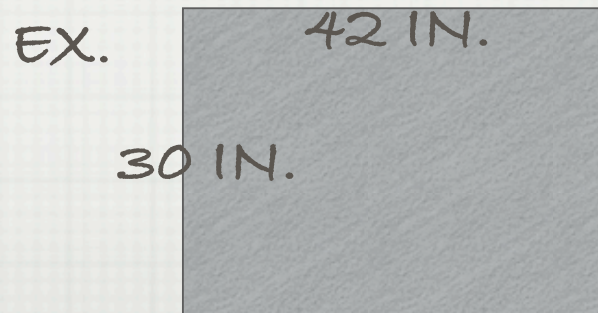
$$.5 \times 384 = 192 \text{ SQ. FT}$$

CALCULATING SQUARE FEET

REVIEW OF EQUATIONS

WHAT HAPPENS IS OUR MEASUREMENTS ARE
IN INCHES?

TOTAL SQUARE INCHES / 144 = SQUARE FEET



$$30 \times 42 = 1260 \text{ SQ IN}$$

$$1260 / 144 = 8.75 \text{ SQ FT}$$

REVIEW

BOARD FOOT-LINEAR FOOT-SQUARE FOOT

WHAT FORM OF MEASUREMENT WOULD YOU
USE FOR.....

CARPET?

ROUGH SAWN RED OAK?

TILE?

ROPE?

HARDWOOD MATERIAL?

A HOUSE?

BRICK?

CABINETS?