



# Converting Measurements In Standard System (Length)

*Thanks to Mrs. S. Johnson for letting Ms. Roh use this!*

TAKE NOTES ON THIS PLEASE

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = \_\_\_\_\_ feet

TAKE NOTES ON THIS PLEASE

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = \_\_5280 feet

BIG to small  
MULTIPLY

$$7 \text{ ft} = \underline{\quad\quad} \text{ in}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

BIG to small  
MULTIPLY

$$7 \text{ ft} = \underline{84} \text{ in}$$

1	2	3	4	5	6	7	8	9	10
12	24	36	48	60	72	84	96	108	120

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

BIG to small  
MULTIPLY

2 miles = \_\_\_\_\_ yd

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

BIG to small  
MULTIPLY

$$2 \text{ miles} = 3520 \text{ yd}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

1	2	3	4	5	6	7	8	9	10
1760	3520	5280	7040	8800	10560	12320	14080	15840	17600

BIG to small  
MULTIPLY

$$6 \text{ yd} = \underline{\hspace{2cm}} \text{ ft}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$



1	2	3	4	5	6	7	8	9	10
3	6	9	12	15	18	21	24	27	30

BIG to small  
MULTIPLY

$$6 \text{ yd} = \underline{18} \text{ ft}$$

1	2	3	4	5	6	7	8	9	10
3	6	9	12	15	18	21	24	27	30

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

BIG to small  
MULTIPLY

$$5 \text{ yd} = \underline{\hspace{2cm}} \text{ in}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ yard} = 36 \text{ inches}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

BIG to small  
MULTIPLY

$$5 \text{ yd} = \underline{180} \text{ in}$$

1	2	3	4	5	6	7	8	9	10
36	72	108	144	180	216	252	288	324	360

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

BIG to small  
MULTIPLY

6 miles = \_\_\_\_\_ ft

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

BIG to small  
MULTIPLY

$$6 \text{ miles} = 31680 \text{ ft}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

1	2	3	4	5	6	7	8	9	10
5280	10560	15840	21120	26400	31680	36960	42240	47520	52800

Mrs. Johnson is 5 feet 4 inches tall. She is filling out a form that needs to know her height in inches. What should she write?

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

**BIG to small**  
**MULTIPLY**

Mrs. Johnson is 5 feet 4 inches tall. She is filling out a form that needs to know her height in inches. What should she write?

$$(5 \times 12) + 4 = 64 \text{ inches}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

**BIG to small**  
**MULTIPLY**

Greater Than, Less Than, or  
Equal To?

8 feet \_\_\_\_\_ 3 yards

I need the units to match. I  
will change both of them to  
FEET!

3 yards = \_\_\_\_\_ feet

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

**BIG to small**  
**MULTIPLY**



Greater Than, Less Than, or  
Equal To?

8 feet \_\_\_\_\_ 3 yards

I need the units to match. I  
will change both of them to  
FEET!

3 yards = \_\_\_\_\_ feet

1	2	3	4	5	6	7	8	9	10
3	6	9	12	15	18	21	24	27	30

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

**BIG to small**  
**MULTIPLY**

Greater Than, Less Than, or  
Equal To?

95 inches \_\_\_\_\_ 3 yd 3in

I need the units to match. I  
will change both of them to  
**INCHES!**

3 yards = \_\_\_\_\_ inches

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

**BIG to small**  
**MULTIPLY**

Greater Than, Less Than, or  
Equal To?

95 inches \_\_\_\_\_ 3 yd 3in

$$(3 \times 36) + 3 = 111 \text{ inches}$$

I need the units to match. I  
will change both of them to  
**INCHES!**

1 yard = 36 inches

1	2	3	4	5	6	7	8	9	10
36	72	108	144	180	216	252	288	324	360

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

**BIG to small**  
**MULTIPLY**

small to BIG  
DIVIDE

$$84 \text{ in} = \underline{\quad\quad} \text{ ft}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG

DIVIDE

84/12

84 in = \_\_\_\_\_ ft

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

1	2	3	4	5	6	7	8	9	10
12	24	36	48	60	72	84	96	108	120

small to BIG  
DIVIDE

$$51 \text{ ft} = \underline{\quad\quad} \text{ yd}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

$$51 \text{ ft} = \underline{\quad} \text{ yd}$$

$$51/3$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

$$14 \text{ ft} = \text{ \_\_\_\_ } \text{ yd } \text{ \_\_\_\_ } \text{ ft}$$

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet



small to BIG  
DIVIDE

$$14 \text{ ft} = \underline{\quad 4 \quad} \text{ yd } \underline{\quad 2 \quad} \text{ ft}$$

$$14 / 3 \quad 4 \text{ R } 2$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

$$37 \text{ ft} = \text{ \_\_\_\_ } \text{ yd } \text{ \_\_\_\_ } \text{ ft}$$

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

small to BIG  
DIVIDE

$$37 \text{ ft} = \underline{12} \text{ yd } \underline{1} \text{ ft}$$

$$37/3 = 12 \text{ R } 1$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

100 ft = \_\_\_ yd \_\_\_ ft

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

small to BIG  
DIVIDE

$$100 \text{ ft} = \underline{33} \text{ yd } \underline{1} \text{ ft}$$

$$100/3 = 33 \text{ R } 1$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

85 in = \_\_\_ ft \_\_\_ in

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

small to BIG  
DIVIDE

$$85 \text{ in} = \underline{7} \text{ ft } \underline{1} \text{ in}$$
$$85/12 = 7 \text{ R } 1$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE

53 in = \_\_\_ ft \_\_\_ in

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet



small to BIG  
DIVIDE

$$53 \text{ in} = \underline{4} \text{ ft } \underline{5} \text{ in}$$

$$53/12 = 4 \text{ R } 5$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

Mrs. Johnson needs 9 feet of rope for each side of her swing and 6 more feet of rope for the monkey bar. She goes to Lowes and they sell rope in YARDS only. How many YARDS will she need?

Reminder!

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1760 yards

1 mile = 5280 feet

small to BIG  
DIVIDE

Mrs. Johnson needs 9 feet of rope for each side of her swing and 6 more feet of rope for the monkey bar. She goes to Lowes and they sell rope in YARDS only. How many YARDS will she need?

$$9 + 9 + 6 = 24 \text{ feet}$$

$$24 \text{ feet divided by } 3 = 8 \text{ yards}$$

Reminder!

$$1 \text{ foot} = 12 \text{ inches}$$

$$1 \text{ yard} = 3 \text{ feet}$$

$$1 \text{ mile} = 1760 \text{ yards}$$

$$1 \text{ mile} = 5280 \text{ feet}$$

small to BIG  
DIVIDE



Ms. Roh's Easter Egg  
is on the next page

**REPTILES**

- scales
- dry skin
- live on land
- lay eggs on land  
(hard shell)
- slither and crawl

**BOTH**

- vertebrates
- oviparous
- walk
- lungs

**AMPHIBIANS**

- moist skin
- live on land and in water
- lay eggs in water  
(soft/transparent shell)
- breathe through gills (baby),  
through skin and lungs (adult)
- swim and jump