

4.MD.1, 4.MD.2

### Lesson 2

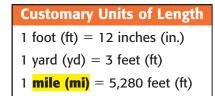
**Convert Customary Units of Length** 

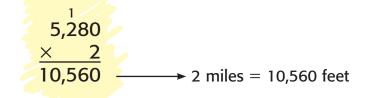
# Homework Helper Need help? ConnectED.mcgraw-hill.com

#### Andrew lives 2 miles from the school. How many feet from the school does Andrew live?

MY Homework

To convert miles to feet, multiply the number of miles measured by the number of feet in 1 mile. You know that 1 mile = 5,280 feet.

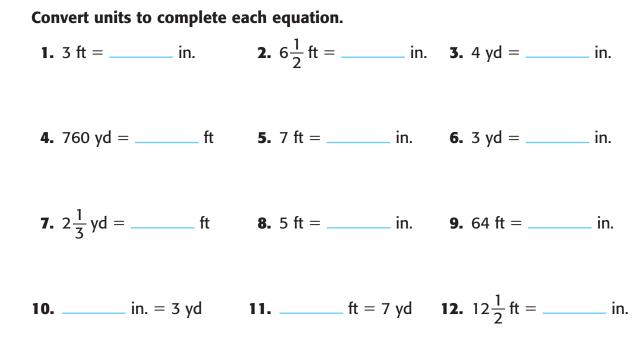




Conversion table		
miles (mi)	feet (ft)	(mi, ft)
2	10,560	(2, 10,560)
4	21,120	(4, 21,120)
6	31,680	(6, 31,680)
8	42,240	(8, 42,240)

So, Andrew lives 10,560 feet from the school.

### Practice



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#### Draw lines to match the equivalent lengths.

 13. 24 ft
 • 60 ft

 14. 120 in.
 • 72 in.

 15. 2 yd
 • 180 in.

 16. 5 yd
 • 8 yd

 17. 20 yd
 • 10 ft

## Problem Solving

#### Mathematical

**18. PRACTICE Use Math Tools** The Millers' house is 25 yards from Mrs. Shapiro's house. How many feet apart are the two houses?

- **19.** Kate walks half a mile to the library. How many yards does she walk?
- **20.** Pe Ling needs 2 yards of fabric for a craft project. She has 3 feet already. How many inches of fabric does she still need?

### Vocabulary Check

Write a vocabulary term in the correct space to complete each sentence.

convert

mile

**21.** One \_\_\_\_\_\_ equals 5,280 feet.

**22.** To \_\_\_\_\_\_ from feet to inches, multiply by 12.

### **Test Practice**

23. Matthew is 2 yards tall. How many inches tall is he?

- (A) 74 inches (C) 64 inches
- B 72 inches
   D 60 inches

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