



Math worksheet on 'Units - Conversion (1 Ratio) - Word Problem to Conversion Ratio (Level 1)'. Part of a broader unit on 'Unit Conversion - Intro'

Learn online: app.mobius.academy/math/units/unit_conversion_intro/

1

Select the conversion ratio you need to solve this unit conversion problem

An ant takes 7 seconds to crawl a yard. How long, in seconds, does it take to crawl a foot?

a	$\times 3 \frac{ft}{yrd}$	b	$\times \frac{1 yrd}{3 ft}$
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2

Select the conversion ratio you need to solve this unit conversion problem

An ant crawls 5 yards each second. What is its speed in feet per second?

a	$\times \frac{1 yrd}{3 ft}$	b	$\times \frac{1 min}{60 s}$
c	$\times 3 \frac{ft}{yrd}$		

3

Select the conversion ratio you need to solve this unit conversion problem

An ant takes 5 seconds to crawl a yard. How long, in seconds, does it take to crawl a foot?

a	$\times \frac{1 min}{60 s}$	b	$\times 3 \frac{ft}{yrd}$
c	$\times \frac{1 yrd}{3 ft}$	d	$\times 60 \frac{s}{min}$

4

Select the conversion ratio you need to solve this unit conversion problem

A beetle crawls 4 feet each second. How many yards does it crawl each second?

a	$\times \frac{1 yrd}{3 ft}$	b	$\times 3 \frac{ft}{yrd}$
c	$\times 60 \frac{s}{min}$		

5

Select the conversion ratio you need to solve this unit conversion problem

An ant crawls 4 yards each second. What is its speed in feet per second?

a	$\times 60 \frac{s}{min}$	b	$\times \frac{1 yrd}{3 ft}$
c	$\times 3 \frac{ft}{yrd}$		

6

Select the conversion ratio you need to solve this unit conversion problem

An ant takes 3 seconds to crawl a yard. How long, in seconds, does it take to crawl a foot?

a	$\times \frac{1 yrd}{3 ft}$	b	$\times 3 \frac{ft}{yrd}$
c	$\times 60 \frac{s}{min}$		

7

Select the conversion ratio you need to solve this unit conversion problem

A beetle crawls 7 feet each second. How many yards does it crawl each second?

a	$\times 3 \frac{ft}{yrd}$	b	$\times \frac{1 yrd}{3 ft}$
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