

8/28

Welcome!

#1.5b

DO NOW:

- **Turn in** any late homework to the bin on Ms. Walczak's desk.
- Find your **new seat**.
- **Grab YOUR** calculator.
- Grab a new **Warm Up Sheet**.

Homework: #1a Reflection 1.1–1.3 in Google Classroom due 9/1

Essential Question: How do you solve equations?

Monday - Make an Estimate

Description: -----

My Estimate

Answer:

GUESS:	<div style="display: flex; align-items: center;"> <div style="text-align: right; padding-right: 5px;">TOO HIGH</div> <div style="border: 1px solid black; padding: 5px; width: 150px; text-align: center;">250</div> </div>	
	<div style="display: flex; align-items: center;"> <div style="text-align: right; padding-right: 5px;">TOO LOW</div> <div style="border: 1px solid black; padding: 5px; width: 150px; text-align: center;">30</div> </div>	

80

My Reasoning:

<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">40</td><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">100</td></tr> <tr><td style="width: 50%; height: 50%;"></td><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">65</td></tr> </table> <p style="text-align: center; margin-top: 10px;">A</p>	40	100		65	<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td style="width: 50%; height: 50%;"></td><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">75</td></tr> <tr><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">70</td><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">77</td></tr> </table> <p style="text-align: center; margin-top: 10px;">C</p>		75	70	77	<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td style="width: 50%; height: 50%;"></td><td style="width: 50%; height: 50%;"></td></tr> <tr><td style="width: 50%; height: 50%;"></td><td style="width: 50%; height: 50%; text-align: center; vertical-align: middle;">F</td></tr> </table>				F
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	45													
29	125													

There are no scores on your quiz!

If you see yellow highlighter, that is correct.

If you see orange highlighter, that is incorrect or needs more.

No grades are in the gradebook yet - I will put them in later today.

Remember, all quizzes can be retaken! Write corrections on a separate sheet of paper if you think you might want to do a retake.

Example 2: Use the Useful Conversions to convert the given amount to the given units:

a) 330 min to hours

$$330 \text{ min} \left(\frac{1 \text{ hr}}{60 \text{ min}} \right)$$

$$= 5.5 \text{ hr}$$

d) 63 yd to ft

$$63 \text{ yd} \left(\frac{3 \text{ ft}}{1 \text{ yd}} \right)$$

$$= 189 \text{ ft}$$

b) 15 kg to g

$$15000 \text{ g}$$

e) 168 hr to days

$$168 \text{ hr} \left(\frac{1 \text{ day}}{24 \text{ hr}} \right)$$

$$= 7 \text{ days}$$

c) 5 ft 3 in to in

$$63 \text{ in}$$

f) 1815 ft to m

$$553.35 \text{ m}$$

Useful Conversions:

$$12 \text{ in} = 1 \text{ ft}$$

$$3 \text{ ft} = 1 \text{ yd}$$

$$5280 \text{ ft} = 1 \text{ mi}$$

$$1 \text{ m} = 3.28 \text{ ft}$$

$$16 \text{ oz} = 1 \text{ lb}$$

$$1000 \text{ g} = 1 \text{ kg}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$10 \text{ mm} = 1 \text{ cm}$$

$$60 \text{ min} = 1 \text{ hr}$$

$$60 \text{ sec} = 1 \text{ min}$$

$$24 \text{ hours} = 1 \text{ day}$$

Example 3:

Ben ran the 50-yd dash in 5.8 sec. At what speed did Ben run in miles per hour? Round your answer to the nearest tenth.

★ challenge

$$17.6 \text{ mi/hr}$$