Name:				Hour:	Da	te:	Score:	:	ID: A
Chapt	er	5 Test	Practi	ce					
	the	choice the		es the statement o			n.		
	1. Jon's summer baseball league has 72 thirteen-year-olds and 44 fourteen-year-olds. Write the ratio of thirteen-year-olds to fourteen-year-olds in all three forms.								
			1 to 18, 11:18	·		$\frac{11}{29}$, 11 to 29	, 11:29		
		b. $\frac{18}{29}$, 1	8 to 29, 18:29		d.	$\frac{18}{11}$, 18 to 11	, 18:11		
	2.	what was	the ratio of win	ederico's basketl is to losses? Writ				lost. If they won	120 games
		a. $\frac{12}{5}$, 1	2 to 5, 12:5		c.	$\frac{5}{12}$, 5 to 12,	5:12		
		b. $\frac{12}{17}$, 13	2 to 17, 12:17		d.	$\frac{12}{7}$, 12 to 7,	12:7		
	3.							om eating 1 apple	e?
			llories per apple llories per apple		c. d.	80 calories 81 calories			
	4.	Tony and snowflake	Tiffany collect	semi-precious st	tones. At t	he Rockhoui	nd Hut, Tiffany p	oaid \$42 for 8 pour same type of store	
		a. Tony	~		b.	Tiffany			
	5.	Determine	e whether the ra	atios $\frac{5}{8}$ and $\frac{12}{14}$ are	e proportio	onal.			
		a. propo	ortional		b.	not proporti	ional		
	6.	Determine	e whether the ra	atios $\frac{15}{9}$ and $\frac{60}{45}$ are	e proporti	onal.			
		_	roportional			proportiona	.1		
	7.	Determin	e whether the ra	atios $\frac{8}{10}$ and $\frac{24}{30}$ at	re proporti	onal.			
		_	roportional			proportiona			
		last month a. No; M b. No; M c. Yes;	n. Are these spe Marie's distance Marie's rate is 1 Marie's and Ta	kilometers in 20 ed rates proporti and time are gre 8.25 km/h and T mara's rates are sed rates, you nee	onal? Exp eater than amara's ra almost the	lain. Tamara's di te is 19 km/ same.	stance and time. h.	e 323 kilometers i	n 17 hours
	^								
			products to sol	ve the proportion	· 2.				
		a. $q = 4$ b. $q = 8$	25		c.	q = 198 $q = 4.36$			
1	0.	The Ande	rson family is p		mily reuni es will the	on. They thi	ey are expecting	d 12 juice boxes f 22 children?	or every 3
		-	ice boxes		c. d.	88 juice box 264 juice box			

11. Convert 768 oz to pounds.

- a. 18 pounds
- b. 48 pounds

- c. 24 pounds
- d. 12 pounds

12. Convert 608 pt to gallons.

- a. 19 gallons
- b. 38 gallons

- c. 28 gallons
- d. 76 gallons

13. Convert 432 in. to feet.

- a. 36 feet
- b. 18 feet

- c. 9 feet
- d. 13 feet

14. Jenny drank a 12-fluid-ounce bottle of water before tennis practice. After practice, she drank 4 cups of water. What is the total amount of water Jenny drank?

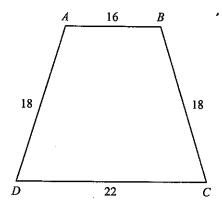
a. 5 c and 6 fl oz

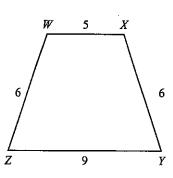
c. 7 c and 6 fl oz

b. 5 c and 4 fl oz

d. 7 c and 4 fl oz

15. Tell whether trapezoid *ABCD* and trapezoid *WXYZ* are similar. The measures of the corresponding angles are equal. PROVE YOUR ANSWER.

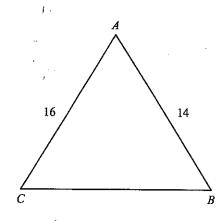


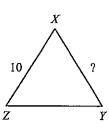


a. similar

b. not similar

16. $\triangle ABC \sim \triangle XYZ$. Find XY. PROVE YOUR ANSWER.





- a. s = 8.75
- b. s = 11.43

- c. s = 8
- d. s = 22.4

1,00,11				ID: A					
	17.	Lisa and Susan are driving to college together. They look at a map to find out how far they have to drive. On the map, Lisa measures the distance to be 4 inches. How many miles do they have to drive if the map scale is 1 in. = 25 mi?							
		a. $6\frac{1}{4}$ miles	c.	$\frac{4}{25}$ mile					
		b. 100 miles	d.	125 miles					
	18.	Raquel uses 8 oranges to make 1 cup of juice?	ee. How many oranges would she use to make 1 gallon of						
		a. 256 oranges	c.	$\frac{1}{2}$ orange					
		b. 36 oranges	d.	128 oranges					
	19.	A model airplane is built to a scale of 1 in.:12 ft. If the model plane is 11 inches long, find the length of the actual plane. Round your answer to the nearest foot.							
		a. 1584 feetb. 132 feet	c.	13 feet					
	20		đ.	11 feet					
	20.	33 feet.	a model trai	in engine is 21 inches and the length of the engine itself is					
		a. $\frac{7}{11}$	c.	396 to 1					
		b. $\frac{7}{132}$	d.	$\frac{7}{4}$					
Short	t Ans	wer							
	21.	While training for the Tour de France, J Show your work.	ean-Luc rod	le 72 km on his bike in just 4 hours. Find the unit rate.					
	22.	To feed her family of 8, Abby spends \$3	— 184 per weel	k at the grocery store. Danielle's spending for her family					
		of 5 is proportional to Abby's. How much does Danielle spend a week? Show your work.							
	23.	Explain how you could use your own he building without measuring it.	ight and the	e lengths of shadows to figure out the height of a tall					

N.I	Date	_ Class	
Name			

Puzzles, Twisters & Teasers

Let's Rock!

Find and circle these words in the word search. Find a word that solves the riddle. Circle it and write it on the line.

ratio factor drawing model scale

proportion dimensions represent actual size

VTSPROPORTION NVSBRMKOLJ YDIMENSIONSE DAXZRATIOFFCP EOPEVOQWEAAAR IKLPSCRTUCLE ASDFGHMKQRTÉS ACTUALBVEZOEE NODRAWINGTRON AJDFAKLMŅTSNT

What do you do to make a baby sleep on a space ship?

You _

