



PRACTICE



TUTORIAL

Name: _____

5-3 Additional Practice

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1. Edith and Rashida are shooting free throws. Complete the ratio tables. Who has a better ratio of baskets to shots?

Edith					Rashida						
Baskets	1	<input type="text"/>	<input type="text"/>	4	5	Baskets	2	<input type="text"/>	<input type="text"/>	8	10
Shots	3	6	9	<input type="text"/>	<input type="text"/>	Shots	5	10	15	<input type="text"/>	<input type="text"/>

2. In Mrs. Washington's class, there are 2 students in band for every 3 students in chorus. In Mr. Utley's class there are 5 students in band for every 7 students in chorus. Complete the ratio tables. Which class has a greater ratio of students in band to students in chorus?

Mrs. Washington's Class

Band	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chorus	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Mr. Utley's Class

Band	5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chorus	7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

3. Aiko has 5 shirts for every 3 pairs of pants. Her brother Haro has 7 shirts for every 4 pairs of pants. Complete the ratio tables. Which sibling has a greater ratio of shirts to pants?

Aiko

Shirts	5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pants	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Haro

Shirts	7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pants	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



In 4 and 5, complete the ratio tables to solve the problems.

4. **Model with Math** Every 5 days during the week, Morgan sleeps 40 hours. How many days would it take him to sleep 200 hours?

Morgan's Sleep Ratio Table

Days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hours of Sleep	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

5. **Reasoning** Alice sleeps 50 hours every 6 days. Does Alice or Morgan have a greater days to hours of sleep ratio? Explain.

Alice's Sleep Ratio Table

Days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hours of Sleep	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

6. Mrs. Henderson has 16 boys in her class of 24 students. Mr. Gregory has 18 boys in his class of 30 students. Which class has the greater ratio of boys to students? Explain.

7. **Higher Order Thinking** Jacob and Jordan are training for track season. Jacob did 39 sit-ups in 30 seconds. Jordan did 59 sit-ups in 50 seconds. Who will likely do more sit-ups in $2\frac{1}{2}$ minutes? Explain.

Assessment Practice

8. Jan makes a party punch that requires 2 gallons of orange juice for every $\frac{1}{2}$ gallon of lemonade. Matt's favorite party punch recipe calls for 3 gallons of orange juice for every 2 gallons of pineapple juice.

PART A

Complete the ratio tables.

Jan's Party Punch

Orange Juice (gal)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lemonade (gal)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Matt's Party Punch

Orange Juice (gal)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pineapple Juice (gal)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PART B

If Matt and Jan each make 10 gallons of punch, how many more gallons of orange juice would Jan use than Matt?

