

Activity 2 Assessment

Exploring Ratios

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Identifies part-to-part and part-to-whole two-term ratios, and writes part-to-whole ratios as fractions



red stars to blue stars = 5:3
blue stars to red stars = 3:5
red stars to all stars = 5:8; as a fraction: $\frac{5}{8}$
blue stars to all stars = 3:8; as a fraction: $\frac{3}{8}$

Identifies part-to-part and part-to-whole three-term ratios



red to blue to green = 5:3:7
blue stars to all stars = 3:15

Uses a ratio table to write equivalent ratios

Multiply each term in the ratio by the same number.

	R	B	G
5	3	7	
10	6	14	
15	9	21	
20	12	28	
25	15	35	

Chooses a strategy to solve a ratio problem

In one game, Macey saved 20 out of 30 shots on goal.
In another game, Macey faced 36 shots. They saved shots in the same ratio as the previous game.
How many shots did Macey save?

Write an equivalent ratio.
20:30 = 2:3

Use a ratio table:

Shots saved	Shots faced
2	3
20	30
24	36

Macey saved 24 shots.

Observations/Documentation
<p>1. The patient is a 65-year-old male with a long history of hypertension and type 2 diabetes. He has been on antihypertensive therapy for 15 years and insulin therapy for 10 years. He reports no recent changes in his condition.</p> <p>2. On admission, the patient was found to have a blood pressure of 160/90 mmHg, which is significantly higher than his baseline. His blood glucose level was 180 mg/dL, and his hemoglobin A1c was 8.5%.</p> <p>3. The patient's physical examination was unremarkable, with no signs of heart failure, renal dysfunction, or other complications. His diet and exercise routine were reviewed, and he was advised to continue with his current regimen.</p> <p>4. The patient's medication list was reviewed, and it was found that he was taking a combination of amlodipine and lisinopril for his hypertension. His insulin regimen consisted of a basal-bolus regimen with glargine and regular insulin.</p> <p>5. The patient's blood pressure was monitored closely throughout his stay. It was found that his blood pressure was well-controlled on his current medication regimen. His blood glucose levels were also monitored, and he was advised to continue with his current insulin regimen.</p> <p>6. The patient's diet and exercise routine were reviewed, and he was advised to continue with his current regimen. He was also advised to monitor his blood pressure and blood glucose levels regularly.</p> <p>7. The patient's overall health was good, and he was discharged home on his current medication regimen. He was advised to continue with his current diet and exercise routine and to monitor his blood pressure and blood glucose levels regularly.</p>