







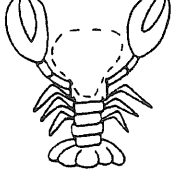
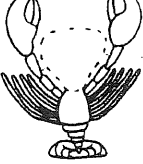
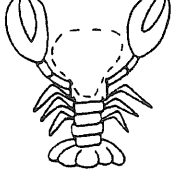
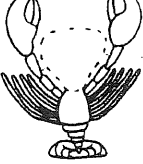




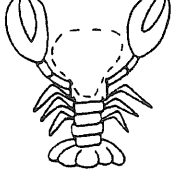
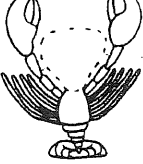





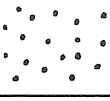

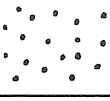







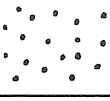
















Lesson 5: Ratios & Unit Rate

Directions: Solve each problem. Choose the correct answer.

<p>1. What is the ratio of triangles to circles?</p> <p style="text-align: center;">△ △ ○ △ ○</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 3:2 draw the following eyes & head.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 2:3 draw the following eyes & head.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 3:2 draw the following eyes & head.		(b) If your answer is 2:3 draw the following eyes & head.		<p>2. What is the ratio of happy faces to hearts?</p> <p style="text-align: center;">😊😊♥😊♥ ♥♥😊♥</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 4/5 draw the following antennae.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 5/4 draw the following antennae.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 4/5 draw the following antennae.		(b) If your answer is 5/4 draw the following antennae.		<p>3. What is the ratio of moons to suns?</p> <p style="text-align: center;">☾☾☀☾☀☾</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 2 to 1 draw the following body & claws.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 1 to 2 draw the following body & claws.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 2 to 1 draw the following body & claws.		(b) If your answer is 1 to 2 draw the following body & claws.	
(a) If your answer is 3:2 draw the following eyes & head.														
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<p>4. At the zoo, Kai noticed the ratio of legs to heads in the aquarium was 4:1. Was he at the octopus or the sea turtle exhibit?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is octopus draw the following mouth.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is sea turtle draw the following mouth.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is octopus draw the following mouth.		(b) If your answer is sea turtle draw the following mouth.		<p>5. There are 3 boys & 2 girls standing in line. What is the ratio of boys to total students in line?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 3:2 draw the following sandy bottom.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 3:5 draw the following sandy bottom.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 3:2 draw the following sandy bottom.		(b) If your answer is 3:5 draw the following sandy bottom.		<p>6. Election results for 6th grade President: Ally=50, Ava=150 and Jose=100. What is the ratio of Jose's votes to Ava's votes?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 1:3 draw the following wavy ocean.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 2:3 draw the following wavy ocean.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 1:3 draw the following wavy ocean.		(b) If your answer is 2:3 draw the following wavy ocean.	
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<p>7. If Tayler can travel 180 miles in 3 hours, how many miles can she travel per hour?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 60 draw the following sign in the claw on the left.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is 6 draw the following sign in the claw on the left.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 60 draw the following sign in the claw on the left.		(b) If your answer is 6 draw the following sign in the claw on the left.		<p>8. Jesus paid \$2.50 for 5lbs of candy. What is the cost per lb?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is \$.50 draw the sign in the right claw.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="width: 50%; padding: 5px;">(b) If your answer is \$.05 draw the sign in the right claw.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is \$.50 draw the sign in the right claw.		(b) If your answer is \$.05 draw the sign in the right claw.		<p>9. Pineapple costs \$1.20 for 4oz. What is the price per ounce?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 70%; padding: 5px;">(a) If your answer is \$.30 write the following vocabulary words in the box.</td> <td style="width: 30%; text-align: center; padding: 5px;">Unit Rate</td> </tr> <tr> <td style="width: 70%; padding: 5px;">(b) If your answer is \$4.80 write the following vocabulary word in the box.</td> <td style="width: 30%; text-align: center; padding: 5px;">Ratio</td> </tr> </tbody> </table>	(a) If your answer is \$.30 write the following vocabulary words in the box.	Unit Rate	(b) If your answer is \$4.80 write the following vocabulary word in the box.	Ratio
(a) If your answer is 60 draw the following sign in the claw on the left.														
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(a) If your answer is \$.50 draw the sign in the right claw.														
(b) If your answer is \$.05 draw the sign in the right claw.														
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Directions: Solve each problem and **COLOR** the object that corresponds with your answer.

<p>10. Mike paid \$12 for 3 hamburgers. How much did each hamburger cost?</p> <p>(a) If your answer is \$4 outline all the #'s & words in black.</p> <p>(b) If your answer is \$36 outline all the #'s & words in red.</p>	<p>11. Jamie needs 3 cups of flour & 4 cups of sugar for her recipe. How many cups of sugar will she need if she uses 9 cups of flour?</p> <p>(a) If your answer is 11 color the antennae & eyelids pink.</p> <p>(b) If your answer is 12 color the antennae & eyelids brown.</p>	<p>12. Luis makes 3 free throws out of every 7 shots. How many free throws will he make if he shoots 21 times?</p> <p>(a) If your answer is 6 color the eyes blue.</p> <p>(b) If your answer is 9 color the eyes green.</p>
<p>13. Find the unit rate. 70 words per 2 minutes</p> <p>(a) If your answer is 35 wpm color the mouth pink.</p> <p>(b) If your answer is 30 wpm color the mouth black.</p>	<p>14. Find the unit rate. \$1.29 for 3 pens</p> <p>(a) If your answer is \$.43/pen color the lobster red.</p> <p>(b) If your answer is \$.46/pen color the lobster pink.</p>	<p>15. Find the unit rate. 240 miles in 8 days</p> <p>(a) If your answer is 40 miles/day color the sign in the left claw orange.</p> <p>(b) If your answer is 30 miles/day color the sign in the left claw purple.</p>
<p>16. Find the unit rate. \$2.10 for 6 oranges</p> <p>(a) If your answer is \$.35 color the sign in the right claw yellow.</p> <p>(b) If your answer is \$.45 leave the sign in the right claw white.</p>	<p>17. Which is the better buy? Store A: \$12 for 3 pies or Store B: \$10 for 2 pies</p> <p>(a) If your answer is Store A color the bottom ½ of the ocean brown.</p> <p>(b) If your answer is Store B color the bottom ½ of the ocean yellow.</p>	<p>18. Which is the better buy? Store A: \$1.50 for 5 oz Store B: \$1.20 for 3 oz</p> <p>(a) If your answer is Store A color the top ½ of the ocean blue.</p> <p>(b) If your answer is Store B color the top ½ of the ocean grey.</p>

Artistic Tip: When you are done coloring, it looks nice to outline the major features using a black crayon or marker.