







































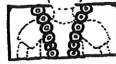

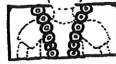







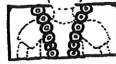























## Lesson 9: Adding, Subtracting, Multiplying, and Dividing MIXED Numbers (Simplify to Lowest Terms)

**Directions:** Find the sum, difference, product, or quotient and use a pencil to DRAW the object that corresponds to your answer. SHOW YOUR STEPS!!!

<p>1. <math>4\frac{9}{16} + 17\frac{1}{8} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>21\frac{11}{16}</math> draw the following ears.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>21\frac{10}{24}</math> draw the following ears.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $21\frac{11}{16}$ draw the following ears.		(b) If your answer is $21\frac{10}{24}$ draw the following ears.		<p>2. <math>12\frac{2}{3} - 8\frac{3}{15} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>3\frac{7}{15}</math> draw the following helmet.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>4\frac{7}{15}</math> draw the following helmet.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $3\frac{7}{15}$ draw the following helmet.		(b) If your answer is $4\frac{7}{15}$ draw the following helmet.		<p>3. <math>6\frac{2}{3} \div \frac{5}{6} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is 8 draw semi-circular eyes.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is 9 draw rectangular eyes.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is 8 draw semi-circular eyes.		(b) If your answer is 9 draw rectangular eyes.	
(a) If your answer is $21\frac{11}{16}$ draw the following ears.														
(b) If your answer is $21\frac{10}{24}$ draw the following ears.														
(a) If your answer is $3\frac{7}{15}$ draw the following helmet.														
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(a) If your answer is 8 draw semi-circular eyes.														
(b) If your answer is 9 draw rectangular eyes.														
<p>4. <math>2\frac{1}{6} \div 2\frac{11}{12} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>1\frac{11}{12}</math> draw wavy eyebrows.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>\frac{26}{35}</math> draw straight eyebrows.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $1\frac{11}{12}$ draw wavy eyebrows.		(b) If your answer is $\frac{26}{35}$ draw straight eyebrows.		<p>5. <math>13\frac{3}{8} + 49\frac{1}{2} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>62\frac{7}{8}</math> draw a triangular nose.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>62\frac{4}{16}</math> draw a U-shaped nose.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $62\frac{7}{8}$ draw a triangular nose.		(b) If your answer is $62\frac{4}{16}$ draw a U-shaped nose.		<p>6. <math>10\frac{4}{9} - 2\frac{2}{3} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>7\frac{7}{9}</math> draw long, skinny rectangles under each eye.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>8\frac{7}{9}</math> draw long, skinny ovals under each eye.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $7\frac{7}{9}$ draw long, skinny rectangles under each eye.		(b) If your answer is $8\frac{7}{9}$ draw long, skinny ovals under each eye.	
(a) If your answer is $1\frac{11}{12}$ draw wavy eyebrows.														
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<p>7. <math>2\frac{3}{4} \times \frac{2}{3} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>2\frac{6}{12}</math> draw a smiling mouth.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>1\frac{5}{6}</math> draw a straight mouth.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $2\frac{6}{12}$ draw a smiling mouth.		(b) If your answer is $1\frac{5}{6}$ draw a straight mouth.		<p>8. <math>3\frac{3}{10} \div \frac{3}{8} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>3\frac{9}{80}</math> draw the following backpack.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>8\frac{4}{5}</math> draw the following backpack.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $3\frac{9}{80}$ draw the following backpack.		(b) If your answer is $8\frac{4}{5}$ draw the following backpack.		<p>9. <math>14\frac{1}{3} + 6\frac{3}{4} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>21\frac{1}{12}</math> draw the following shirt collar.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>20\frac{4}{7}</math> draw the following shirt collar.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $21\frac{1}{12}$ draw the following shirt collar.		(b) If your answer is $20\frac{4}{7}$ draw the following shirt collar.	
(a) If your answer is $2\frac{6}{12}$ draw a smiling mouth.														
(b) If your answer is $1\frac{5}{6}$ draw a straight mouth.														
(a) If your answer is $3\frac{9}{80}$ draw the following backpack.														
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<p>10. <math>4\frac{1}{2} - 1\frac{5}{6} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>5\frac{2}{3}</math> draw horizontal stripes on the shirt.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>2\frac{2}{3}</math> draw camouflage on the shirt.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $5\frac{2}{3}$ draw horizontal stripes on the shirt.		(b) If your answer is $2\frac{2}{3}$ draw camouflage on the shirt.		<p>11. <math>2\frac{2}{3} \times \frac{3}{7} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>1\frac{1}{7}</math> draw a scar on one arm.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>2\frac{6}{21}</math> draw a scar on one cheek.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $1\frac{1}{7}$ draw a scar on one arm.		(b) If your answer is $2\frac{6}{21}$ draw a scar on one cheek.		<p>12. <math>2\frac{2}{10} \div \frac{3}{4} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is <math>2\frac{14}{15}</math> draw an American flag that fills the ENTIRE background.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is <math>2\frac{3}{20}</math> draw a TINY American flag in the background.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is $2\frac{14}{15}$ draw an American flag that fills the ENTIRE background.		(b) If your answer is $2\frac{3}{20}$ draw a TINY American flag in the background.	
(a) If your answer is $5\frac{2}{3}$ draw horizontal stripes on the shirt.														
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(a) If your answer is $1\frac{1}{7}$ draw a scar on one arm.														
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(a) If your answer is $2\frac{14}{15}$ draw an American flag that fills the ENTIRE background.														
(b) If your answer is $2\frac{3}{20}$ draw a TINY American flag in the background.														

**Directions:** Find the sum, difference, product, or quotient and **COLOR** the object that corresponds to your answer. **SHOW YOUR STEPS!!!**

<p>13. <math>23\frac{1}{5} + 14\frac{3}{4} =</math></p> <p>(a) If your answer is <math>37\frac{19}{20}</math> color the chin strap attached to the helmet black.</p> <p>(b) If your answer is <math>38\frac{4}{9}</math> color the chin strap attached to the helmet green.</p>	<p>14. <math>7\frac{1}{7} - 2\frac{1}{2} =</math></p> <p>(a) If your answer is <math>9\frac{2}{9}</math> color the helmet shades of yellow and brown.</p> <p>(b) If your answer is <math>4\frac{9}{14}</math> color the helmet shades of green and brown.</p>	<p>15. <math>5\frac{1}{2} \times \frac{3}{4} =</math></p> <p>(a) If your answer is <math>5\frac{3}{8}</math> color the ears, nose, face, neck and arms brown.</p> <p>(b) If your answer is <math>4\frac{1}{8}</math> color the ears, nose, face, neck and arms apricot.</p>
<p>16. <math>2\frac{2}{4} \div 3\frac{4}{6} =</math></p> <p>(a) If your answer is <math>\frac{15}{22}</math> color the eyes blue.</p> <p>(b) If your answer is <math>6\frac{6}{24}</math> color the eyes green.</p>	<p>17. <math>5\frac{5}{7} + 3\frac{1}{3} =</math></p> <p>(a) If your answer is <math>8\frac{6}{10}</math> outline the eyes and eyebrows in orange.</p> <p>(b) If your answer is <math>9\frac{1}{21}</math> outline the eyes and eyebrows in black.</p>	<p>18. <math>5\frac{1}{4} - 3\frac{3}{4} =</math></p> <p>(a) If your answer is <math>1\frac{1}{2}</math> outline the nose in black.</p> <p>(b) If your answer is <math>2\frac{1}{2}</math> outline the nose in orange.</p>
<p>19. <math>2\frac{2}{5} \times 3\frac{1}{2} =</math></p> <p>(a) If your answer is <math>8\frac{2}{5}</math> color the shapes under the eyes black.</p> <p>(b) If your answer is <math>6\frac{2}{10}</math> color the shapes under the eyes brown.</p>	<p>20. <math>1\frac{7}{8} \div 1\frac{3}{4} =</math></p> <p>(a) If your answer is <math>1\frac{1}{14}</math> outline the mouth in red.</p> <p>(b) If your answer is <math>\frac{1}{2}</math> outline the mouth in black.</p>	<p>21. <math>7\frac{5}{6} + 2\frac{1}{3} =</math></p> <p>(a) If your answer is <math>10\frac{1}{3}</math> color the straps on the backpack green.</p> <p>(b) If your answer is <math>10\frac{1}{6}</math> color the straps on the backpack black.</p>
<p>22. <math>9\frac{1}{2} - 2\frac{7}{8} =</math></p> <p>(a) If your answer is <math>6\frac{5}{8}</math> color the backpack brown.</p> <p>(b) If your answer is <math>8\frac{5}{8}</math> color the backpack green.</p>	<p>23. <math>5\frac{2}{3} \times 1\frac{1}{8} =</math></p> <p>(a) If your answer is <math>5\frac{3}{8}</math> color the shirt collar brown.</p> <p>(b) If your answer is <math>6\frac{3}{8}</math> color the shirt collar green.</p>	<p>24. <math>5\frac{2}{5} \div 3\frac{2}{10} =</math></p> <p>(a) If your answer is <math>8\frac{1}{25}</math> color the shirt shades of yellow and brown.</p> <p>(b) If your answer is <math>1\frac{11}{16}</math> color the shirt shades of green and brown.</p>
<p>25. <math>2\frac{1}{2} + 3\frac{3}{10} =</math></p> <p>(a) If your answer is <math>6\frac{4}{5}</math> outline the scar in red.</p> <p>(b) If your answer is <math>5\frac{4}{5}</math> outline the scar in black.</p>	<p>26. <math>6\frac{1}{6} - 3\frac{2}{3} =</math></p> <p>(a) If your answer is <math>2\frac{1}{2}</math> color the stripes on the American flag red and white.</p> <p>(b) If your answer is <math>1\frac{1}{2}</math> color the stripes on the American flag pink and white.</p>	<p>27. <math>3\frac{1}{2} \times 2\frac{1}{7} =</math></p> <p>(a) If your answer is <math>6\frac{2}{14}</math> color the background of the section with stars on the American flag purple.</p> <p>(b) If your answer is <math>7\frac{1}{2}</math> color the background of the section with stars on the American flag blue.</p>

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