









































































## Lesson 10: Converting Fractions and Mixed Numbers to Decimals

**Directions:** Convert each fraction to a decimal and use a pencil to DRAW the object that corresponds to your answer. SHOW YOUR STEPS!!!

<p>1. <math>\frac{3}{10} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .3 draw the following large ears.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .03 draw the following large ears.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .3 draw the following large ears.		(b) If your answer is .03 draw the following large ears.		<p>2. <math>\frac{17}{100} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .17 draw the following antennas on the head.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .017 draw the following antennas on the head.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .17 draw the following antennas on the head.		(b) If your answer is .017 draw the following antennas on the head.		<p>3. <math>\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 .2 draw wavy stripes on the antennas.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .5 draw straight stripes on the antennas.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .2 draw wavy stripes on the antennas.		(b) If your answer is .5 draw straight stripes on the antennas.	
(a) If your answer is .3 draw the following large ears.														
(b) If your answer is .03 draw the following large ears.														
(a) If your answer is .17 draw the following antennas on the head.														
(b) If your answer is .017 draw the following antennas on the head.														
(a) If your answer is .2 draw wavy stripes on the antennas.														
(b) If your answer is .5 draw straight stripes on the antennas.														
<p>4. <math>\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 .75 draw three eyes.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .34 draw four eyes.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .75 draw three eyes.		(b) If your answer is .34 draw four eyes.		<p>5. <math>\frac{5}{8} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .65 draw straight eyebrows above each eye.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .625 draw zigzagging eyebrows above each eye.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .65 draw straight eyebrows above each eye.		(b) If your answer is .625 draw zigzagging eyebrows above each eye.		<p>6. <math>\frac{21}{50} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .21 draw a semicircle for the nose.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .42 draw a rectangle for the nose.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .21 draw a semicircle for the nose.		(b) If your answer is .42 draw a rectangle for the nose.	
(a) If your answer is .75 draw three eyes.														
(b) If your answer is .34 draw four eyes.														
(a) If your answer is .65 draw straight eyebrows above each eye.														
(b) If your answer is .625 draw zigzagging eyebrows above each eye.														
(a) If your answer is .21 draw a semicircle for the nose.														
(b) If your answer is .42 draw a rectangle for the nose.														
<p>7. <math>\frac{8}{25} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is 3.2 draw a FULL smile.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .32 draw a HALF smile.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is 3.2 draw a FULL smile.		(b) If your answer is .32 draw a HALF smile.		<p>8. <math>\frac{54}{125} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .432 draw two teeth coming from the mouth.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is 4.32 draw three teeth coming from the mouth.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .432 draw two teeth coming from the mouth.		(b) If your answer is 4.32 draw three teeth coming from the mouth.		<p>9. <math>\frac{98}{125} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .784 draw a large semicircle 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 .98 draw a large rectangle on the shirt.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .784 draw a large semicircle on the shirt.		(b) If your answer is .98 draw a large rectangle on the shirt.	
(a) If your answer is 3.2 draw a FULL smile.														
(b) If your answer is .32 draw a HALF smile.														
(a) If your answer is .432 draw two teeth coming from the mouth.														
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(a) If your answer is .784 draw a large semicircle on the shirt.														
(b) If your answer is .98 draw a large rectangle on the shirt.														
<p>10. <math>\frac{83}{200} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .83 draw tiny triangles all over the ears, neck, and arms.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .415 draw tiny circles all over the ears, neck, and arms.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .83 draw tiny triangles all over the ears, neck, and arms.		(b) If your answer is .415 draw tiny circles all over the ears, neck, and arms.		<p>11. <math>\frac{7}{9} =</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">(a) If your answer is .777 draw a spaceship in the background.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .778 draw a shooting star in the background.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .777 draw a spaceship in the background.		(b) If your answer is .778 draw a shooting star in the background.		<p>12. <math>\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 .666 draw a planet WITHOUT a ring around it.</td> <td style="width: 30%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is .666 draw a planet WITH a ring around it.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </table>	(a) If your answer is .666 draw a planet WITHOUT a ring around it.		(b) If your answer is .666 draw a planet WITH a ring around it.	
(a) If your answer is .83 draw tiny triangles all over the ears, neck, and arms.														
(b) If your answer is .415 draw tiny circles all over the ears, neck, and arms.														
(a) If your answer is .777 draw a spaceship in the background.														
(b) If your answer is .778 draw a shooting star in the background.														
(a) If your answer is .666 draw a planet WITHOUT a ring around it.														
(b) If your answer is .666 draw a planet WITH a ring around it.														

**Directions:** Convert each mixed number to a decimal and **COLOR** the object that corresponds to your answer. **SHOW YOUR STEPS!!!**

<p>13. <math>3\frac{6}{25} =</math></p> <p>(a) If your answer is 3.625 color the shapes on the ears, neck, and arms pink.</p> <p>(b) If your answer is 3.24 color the shapes on the ears, neck, and arms green.</p>	<p>14. <math>8\frac{93}{100} =</math></p> <p>(a) If your answer is 8.93 color the rest of the ears, neck, and arms purple.</p> <p>(b) If your answer is 8.093 color the rest of the ears, neck, and arms brown.</p>	<p>15. <math>9\frac{18}{25} =</math></p> <p>(a) If your answer is 9.72 outline the mouth in red.</p> <p>(b) If your answer is 9.18 outline the mouth in black.</p>
<p>16. <math>8\frac{17}{50} =</math></p> <p>(a) If your answer is 8.17 color the teeth yellow.</p> <p>(b) If your answer is 8.34 leave the teeth white.</p>	<p>17. <math>3\frac{22}{25} =</math></p> <p>(a) If your answer is 3.88 outline the teeth in black.</p> <p>(b) If your answer is 6.88 outline the teeth in brown.</p>	<p>18. <math>2\frac{9}{20} =</math></p> <p>(a) If your answer is 2.45 color the nose green.</p> <p>(b) If your answer is 10.45 color the nose blue.</p>
<p>19. <math>17\frac{11}{50} =</math></p> <p>(a) If your answer is 17.22 color all the eyes DIFFERENT colors.</p> <p>(b) If your answer is 17.11 color all the eyes the SAME color.</p>	<p>20. <math>18\frac{12}{25} =</math></p> <p>(a) If your answer is 1.848 outline the eyebrows in orange.</p> <p>(b) If your answer is 18.48 outline the eyebrows in black.</p>	<p>21. <math>19\frac{13}{25} =</math></p> <p>(a) If your answer is 19.13 color the face yellow.</p> <p>(b) If your answer is 19.52 color the face purple.</p>
<p>22. <math>17\frac{3}{9} =</math></p> <p>(a) If your answer is 17.330 color the shape on the shirt red.</p> <p>(b) If your answer is <math>17.\overline{33}</math> color the shape on the shirt brown.</p>	<p>23. <math>36\frac{18}{25} =</math></p> <p>(a) If your answer is 3.672 color the rest of the shirt yellow.</p> <p>(b) If your answer is 36.72 color the rest of the shirt blue.</p>	<p>24. <math>54\frac{33}{50} =</math></p> <p>(a) If your answer is 54.66 color the stripes on the antennas THREE different colors.</p> <p>(b) If your answer is <math>54.\overline{66}</math> color the stripes on the antennas TWO different colors.</p>
<p>25. <math>243\frac{84}{125} =</math></p> <p>(a) If your answer is 243.67 color the planet blue and green.</p> <p>(b) If your answer is 243.672 color the planet red and orange.</p>	<p>26. <math>147\frac{123}{500} =</math></p> <p>(a) If your answer is 147.246 color the other object in the background MANY colors.</p> <p>(b) If your answer is 147.24 color the other object in the background ONE color.</p>	<p>27. <math>999\frac{33}{100} =</math></p> <p>(a) If your answer is 999.33 color the background gray.</p> <p>(b) If your answer is <math>999.\overline{33}</math> color the background blue.</p>

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