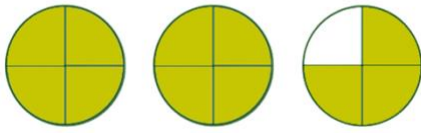


# Entry Screener 'A'

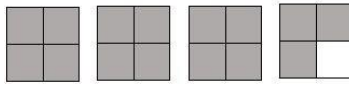
<p>1. Write the value of the underlined digit in words or fraction form.</p> <p style="text-align: center;"><b>56.<u>9</u>74</b></p>	<p>2. Circle <b>all</b> the numbers that 90 is divisible by:</p> <p style="text-align: center;">2    3    4    5    6    8    9    10</p>
<p>3. Without calculating an answer, place the decimal point in the correct position.</p> <p style="text-align: center;"><math>653.73 - 104.54 = 54919</math></p>	<p>4. Without calculating an answer, place the decimal point in the correct position.</p> <p style="text-align: center;"><math>417.35 \div 98.2 = 425</math></p>
<p>5. Write the number <b>52 401 056</b> in <b>expanded</b> form.</p>	
<p>6. This number is in “<b>expanded</b>” form:</p> <p style="text-align: center;"><b><math>30\,000\,000 + 8\,000\,000 + 90\,000 + 5\,000 + 40 + 7.</math></b></p> <p>Rewrite the number in <b>standard</b> form.</p>	
<p>7. Write the number <b>45 053 220</b> in <b>word</b> form.</p>	

8. Write the number <b>two hundred thousand six hundred thirty-four</b> in <b>standard form</b> .		
9. Write 0.06 as a fraction.	10. Write $\frac{3}{100}$ as a percent.	
11. Write 45% as a decimal.	12. Write 28% as a fraction.	
13. Change $\frac{18}{5}$ to a mixed number.	14. Write $2\frac{3}{5}$ as an improper fraction (common fraction).	15. Add: $\frac{2}{9} + \frac{5}{9}$
16. Write $\frac{8}{12}$ in lowest terms.	17. Subtract $\frac{3}{4} - \frac{1}{8}$	18. Order least to greatest:  0.64   0.8   0.259  _____
19. Write $\frac{10}{3}$ as a mixed number.	20. Write $3\frac{2}{5}$ as an improper fraction.	21. Add: $5\frac{1}{4} + 3\frac{1}{2}$

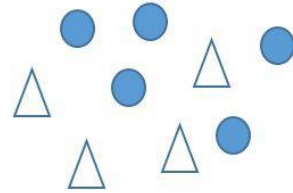
22. Express as a mixed Number.



23. Express as an improper fraction.



24. What is the ratio of Triangles to circles?



25. What is being compared by the ratio 3:8?



26. Add:

$$(+8) + (-6) =$$

27. Subtract:

$$(-5) - (-4) =$$

28. Place these integers on the number line: **+4, 0, -3, +7, -5, -1, +1**



29. Write the following on the number line below:

$$\frac{5}{2}, -1, 1\frac{1}{4}, 0.9, 0, 1$$



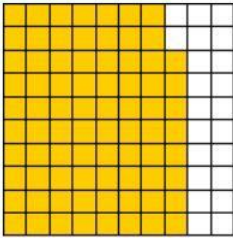
30. Solve:

$$(+6) + (-8) + (-2) =$$

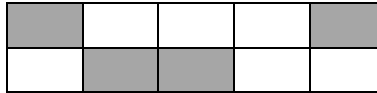
31. Solve:

$$(+5) - (-4) + (-2) =$$

32. What percent of the diagram is shaded?



33. What percent of the diagram is shaded?



34. Express 0.06 as a percentage.

$$0.06 = \underline{\quad} \%$$

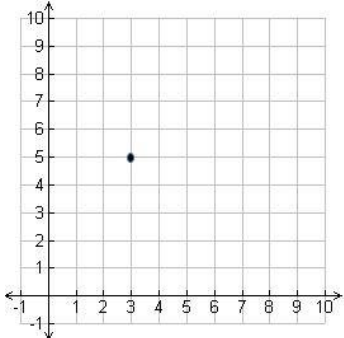
35. Multiply:

$$0.458 \times 6 =$$

36. Divide:

$$6.52 \div 4 =$$

37. What integer is 3 more than -5?

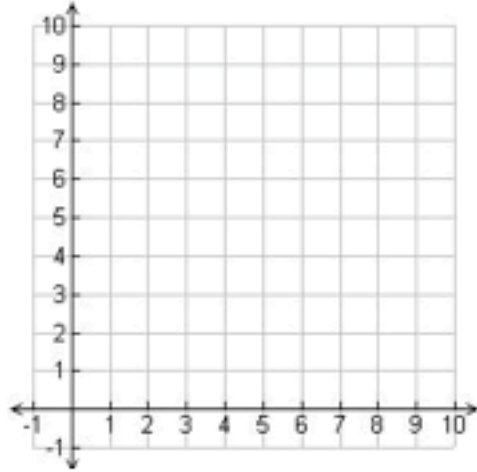
<p>38. What is the greatest common factor (GCF) of 16 and 24?</p>	<p>39. What is the least common multiple (LCM) of 9 and 12?</p>	<p>40. Circle the prime number.</p> <p style="text-align: center;">18, 15, 17</p>																														
<p>41. Solve (Use order of operations.)</p> $5 \times 3 + 12 \div 2 =$	<p>42. Solve (Use order of operations.)</p> $20 - 6(2) \div 4 + 7 =$	<p>43. What are the coordinates of the point?</p> 																														
<p>44. What is the pattern rule?</p> <p>Write an expression to represent the pattern.</p> <table border="1" data-bbox="243 1465 565 1692"> <thead> <tr> <th>Input</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> </tr> <tr> <td>2</td> <td>5</td> </tr> <tr> <td>3</td> <td>8</td> </tr> <tr> <td>4</td> <td>11</td> </tr> </tbody> </table>	Input	Output	1	2	2	5	3	8	4	11	<p>45. Fill in the table for <math>y = 2x + 3</math></p> <table border="1" data-bbox="695 1446 979 1673"> <thead> <tr> <th><math>x</math></th> <th><math>y</math></th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>4</td> <td></td> </tr> </tbody> </table>	$x$	$y$	1		2		3		4		<p>46. Fill in the table for <math>y = 2x - 1</math></p> <table border="1" data-bbox="1162 1423 1482 1650"> <thead> <tr> <th><math>x</math></th> <th><math>y</math></th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>5</td> <td></td> </tr> <tr> <td>10</td> <td></td> </tr> </tbody> </table>	$x$	$y$	1		3		5		10	
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47. Write an expression for “three times a number minus four”

48. Write an equation for the statement “four times a number equals 20.”

49. Draw the graph using the table of values:

$x$	$y$
1	6
2	7
3	8
4	9



50. Solve

$$w - 25 = 34$$

51. Solve

$$16 = 3x + 4$$

52. Solve

$$\frac{3x}{2} - 4 = 5$$

53. Solve

$$a + 4 = -10$$