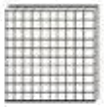
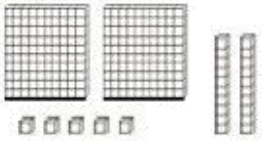
Entry Screener ‘A’

1. Continue counting. 532 996, 532 997, 532 998, _____, _____, _____	2. Write the value of the underlined digit in numbers or words. **5 <u>2</u>63 754**
3. Write the value of the underlined digit in words or fraction form. **56.9<u>7</u>4**	4. Write the value of the number represented by the base 10 blocks. If  = 1 Then 
5. Write the number **48 203 055** in **expanded** form.	
6. Write the number 37 021 977 in word form:	

7. This number is written in expanded form:

70 000 000 + 5 000 000 + 40 000 + 2 000 +90 + 3

Rewrite the number in **standard number** form.

8. Write the number nine hundred thousand five hundred thirty-seven in **standard** form.

9. Write in lowest terms:

$$\frac{12}{18}$$

10. Change to a mixednumber:

$$\frac{25}{7}$$

11. Write $3\frac{2}{5}$ as an improper fraction (common fraction).

12. Write >, <, or =

$$\frac{1}{3} \quad \bigcirc \quad \frac{1}{4}$$

13. Write >, <, or =

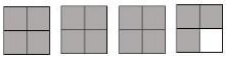
$$\frac{4}{10} \quad \bigcirc \quad \frac{12}{30}$$

14. Order least to greatest:

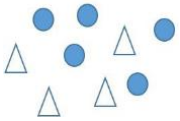
0.64, 0.8, 0.259

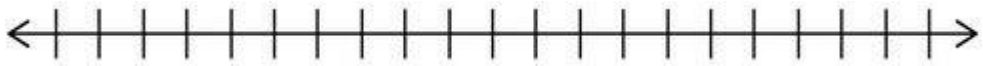
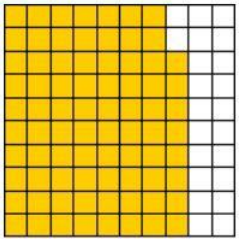
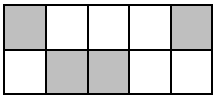
15. Express as a mixed number.

16. Express as an improperfraction.



17. What is the ratio of triangles to circles?



18. What is being compared by the ratio 3:8? 	19. Express $\frac{8}{3}$ as mixed number.	20. Write $5\frac{1}{4}$ as an improper fraction.
21. Place these integers on the number line: +4, 0, -3, +7, -5, -1, +1 		
22. Write $\frac{7}{100}$ as a decimal.	23. Write 0.337 as a fraction.	24. Convert 0.06 to apercentage. 0.06 =_____%
25. What percent of the diagram is shaded? 	26. What percent of the diagram is shaded? 	27. Add: $5.783 + 366.291 =$
28. Subtract: $56.854 - 41.243 =$	29. Subtract: $63.052 - 9.548 =$	30. Multiply: 4 x 675 =

31. Multiply: 45 x 1 000 =	32. Multiply: 3 x 15 =	33. Divide: $315 \div 4 =$
34. Multiply: 4.586 x 6 =	35. Divide: $6.52 \div 4 =$	36. What integer is 3 more than -5?
37. What is the greatest common factor (GCF) of 16 and 24?	38. What is the least common multiple (LCM) of 9 and 12?	39. Circle the prime number. 18, 15, 17

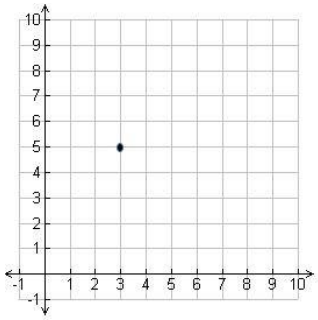
40. Solve. (Use order of operations.)

$5 \times 3 + 12 \div 2 =$

41. Solve. (Use order of operations.)

$20 - 6(2) \div 4 + 7 =$

42. What are the coordinates of the point?



43. Complete the table.

Input	Output
2	
3	9
	11
5	
6	15

44. Solve for x:

$7 + x = 15$

45. Solve for x:

$3x = 21$

46. What is the pattern rule? Write an expression to represent the pattern.

Input	Output
1	2
2	5
3	8
4	11

47. Fill in the table for $y = 2x + 3$

x	y
1	
2	
3	
4	

48. Fill in the table for $y = 2x - 1$

1	
3	
5	
10	

49. Write an expression for “three timesa number a number minus four.”

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