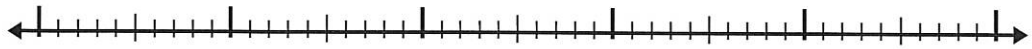
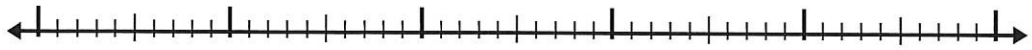
Use the number line to solve each problem.

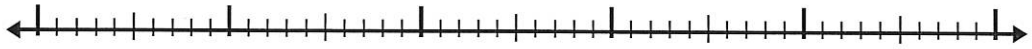
1) 3.8 - 2.7 =



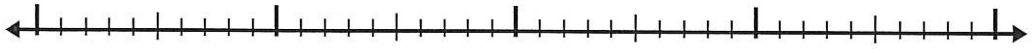
2) 6.3 - 2.7 =



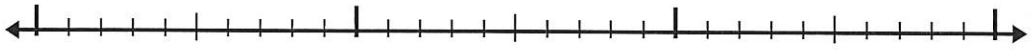
3) 4.7 - 3.6 =



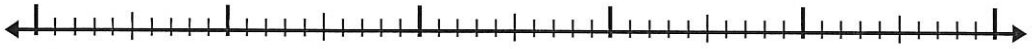
4) 9.9 - 1.1 =



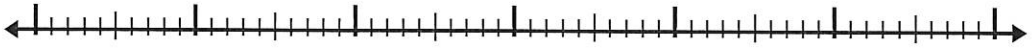
5) 6 - 1.4 =



6) 6.2 - 3.9 =

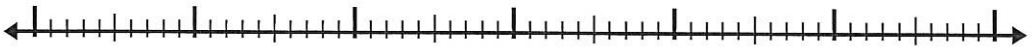


7) 7 - 3.6 =

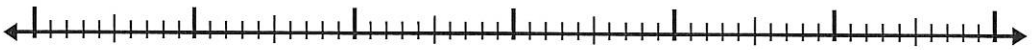


8) 11.4 - 3.6 =

9) 8 - 3.9 =



10) 9.4 - 3.4 =



Answers

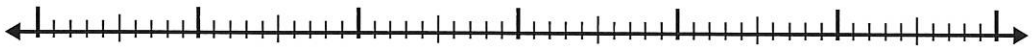
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

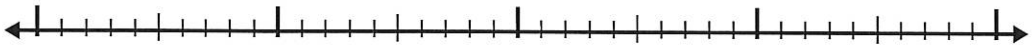
Use the number line to solve each problem.

1) 8 + 2.3 =

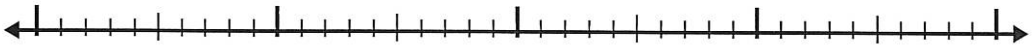
2) 2.1 + 3.6 =



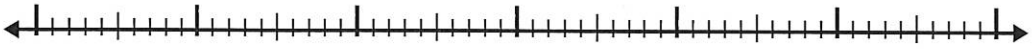
3) 5.8 + 1.3 =



4) 4.9 + 1.8 =

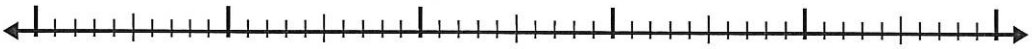


5) 4.9 + 3.3 =

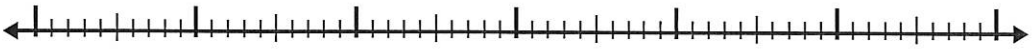


6) 8.8 + 3.4 =

7) 2 + 2.9 =

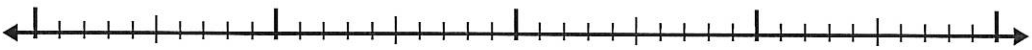


8) 7.8 + 3.4 =



9) 4.8 + 2.4 =

10) 6.3 + 2.8 =



Answers

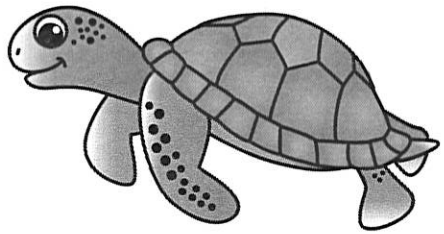
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Solving Multiplication and Division Equations

Solve.

$$35 = 5r$$



Solving Multiplication and Division Equations

EXAMPLE

$$35 = 5r \longrightarrow \frac{35}{5} = \frac{5r}{5}$$

isolate the variable

divide both sides by 5

$$\frac{35}{5} = \frac{5r}{5} \longrightarrow 7 = 1r$$

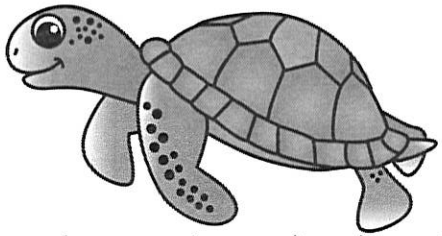
divide both sides by 1

$$r = 7$$

Solving Multiplication and Division Equations

Solve.

$$42 \div e = 7$$

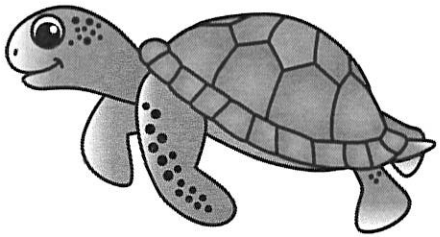


1

Solving Multiplication and Division Equations

Solve.

$$6t = 12$$

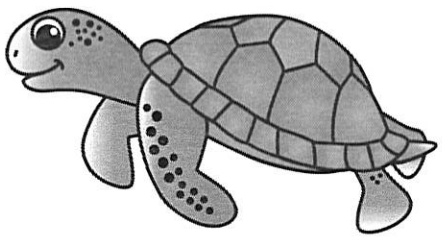


2

Solving Multiplication and Division Equations

Solve.

$$4 = 20 \div f$$

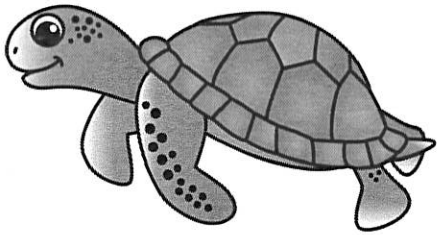


3

Solving Multiplication and Division Equations

Solve.

$$24 = 3j$$

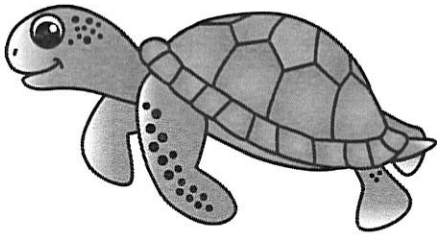


4

Solving Multiplication and Division Equations

Solve.

$$a \div 9 = 9$$

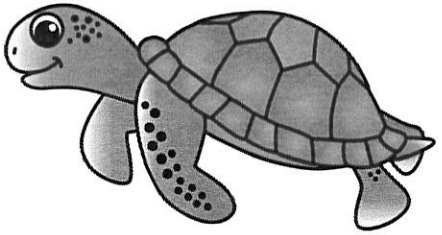


5

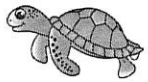
Solving Multiplication and Division Equations

Solve.

$$12 \div y = 3$$

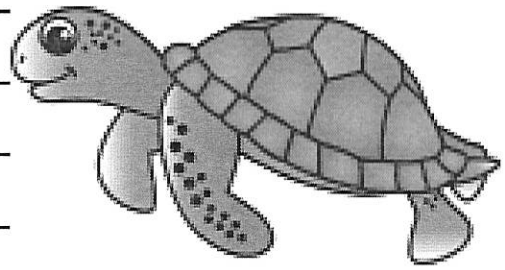


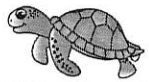
6

Solving Multiplication and Division Equations  Name:
Date:

Card #	Answer	Card #	Answer
1		4	
2		5	
3		6	

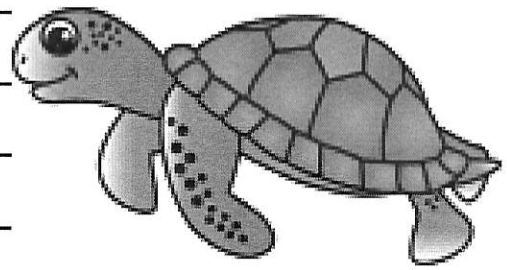
What is your favorite ocean animal? Describe it.



Solving Multiplication and Division Equations  Name:
Date:

Card #	Answer	Card #	Answer
1		4	
2		5	
3		6	

What is your favorite ocean animal? Describe it.



Four in a Row

Multiplication

How to Play: Take turns with your partner. Choose two numbers from the small square. Multiply the numbers. Find the product in the large square and cover it with a marker. Use all the numbers once before starting over. The first player to get four in a row wins!

1	7	2
8	4	5
10	3	6

28	30	10	8	16	7
20	56	40	18	32	24
12	4	80	42	6	48
2	14	6	35	20	5
50	3	16	30	24	60
80	32	15	21	70	56

Determine which choice is the best estimate.

1) 361 ÷ 62 =
A. 4
B. 6
C. 2
D. 7

2) 416 ÷ 62 =
A. 8
B. 2
C. 7
D. 9

3) 452 ÷ 47 =
A. 2
B. 9
C. 3
D. 4

4) 299 ÷ 62 =
A. 4
B. 6
C. 5
D. 9

5) 632 ÷ 89 =
A. 5
B. 8
C. 7
D. 2

6) 147 ÷ 47 =
A. 4
B. 6
C. 7
D. 3

7) 716 ÷ 79 =
A. 9
B. 3
C. 7
D. 8

8) 164 ÷ 17 =
A. 7
B. 6
C. 9
D. 8

9) 544 ÷ 89 =
A. 9
B. 2
C. 8
D. 6

10) 562 ÷ 84 =
A. 8
B. 6
C. 7
D. 2

11) 101 ÷ 22 =
A. 5
B. 7
C. 2
D. 4

12) 276 ÷ 69 =
A. 3
B. 9
C. 6
D. 4

13) 304 ÷ 53 =
A. 9
B. 6
C. 5
D. 8

14) 183 ÷ 92 =
A. 8
B. 7
C. 2
D. 4

15) 116 ÷ 42 =
A. 6
B. 2
C. 3
D. 4

16) 244 ÷ 27 =
A. 9
B. 5
C. 8
D. 4

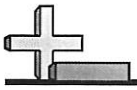
17) 82 ÷ 36 =
A. 8
B. 4
C. 5
D. 2

18) 397 ÷ 84 =
A. 3
B. 8
C. 5
D. 6

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

1-10	94	89	83	78	72	67	61	56	50	44
11-18	39	33	28	22	17	11	6	0		



Division with Partial Quotients Name:

Solve each problem.

1) $7\overline{)463}$

2) $3\overline{)592}$

3) $3\overline{)416}$

4) $3\overline{)715}$

5) $4\overline{)669}$

6) $7\overline{)192}$

7) $3\overline{)574}$

8) $2\overline{)619}$

9) $4\overline{)229}$

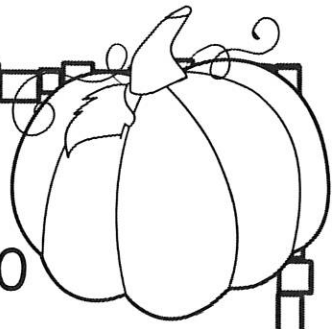
Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

1-9	89	78	67	56	44	33	22	11	0

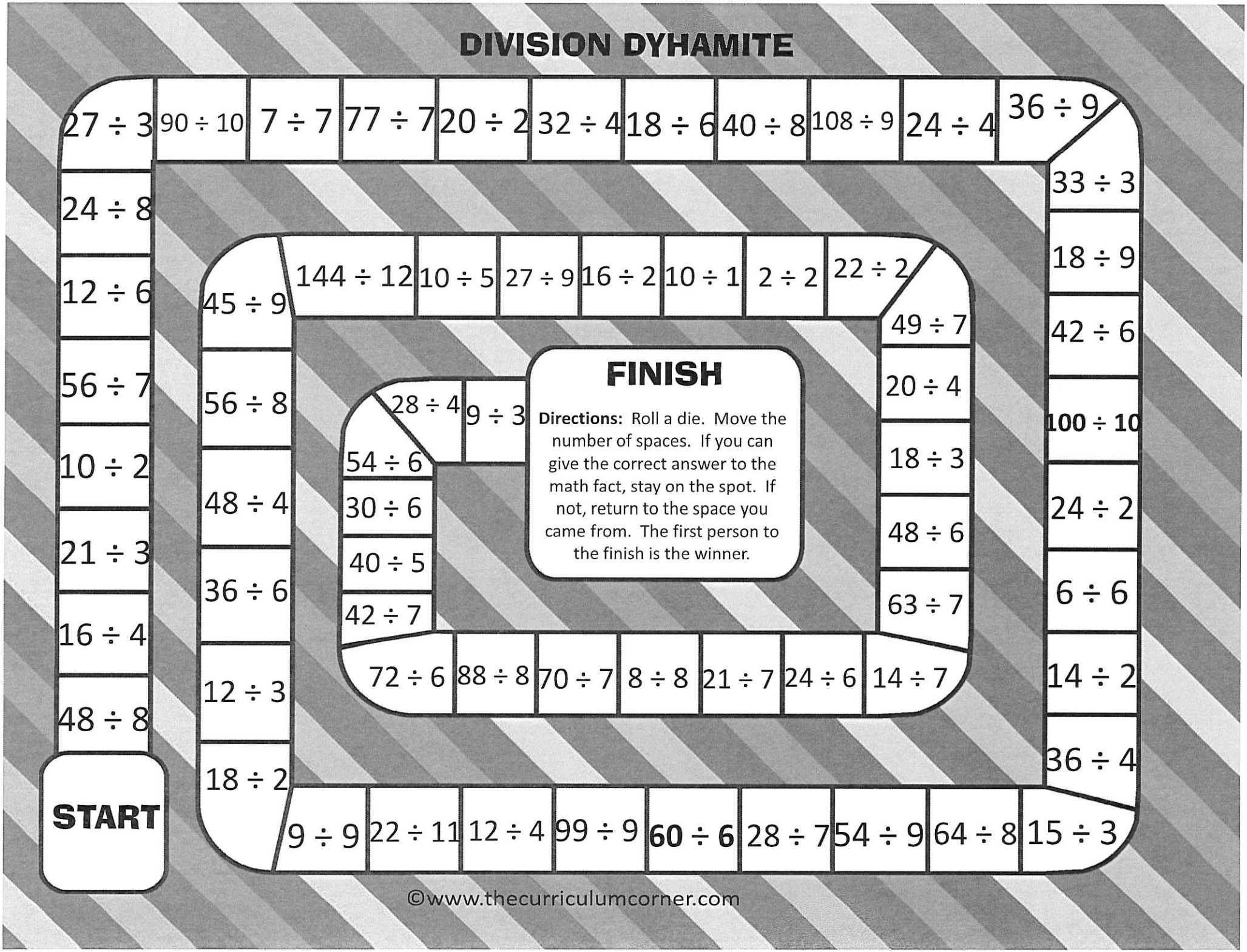
Name: _____

Multiplying Decimals by 10, 100 & 1,000



The Number Is	Multiply By 10...	Multiply by 100	Multiply By 1,000
2.85			
3.57			
10.84			
67.46			
12.76			
54.38			
87.15			

DIVISION DYHAMITE



Use the completed division problem to answer each question.

1) Faye had saved up 31 quarters and decided to spend them on sodas. If it costs 6 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? 31 ÷ 6 = 5 r1

2) Sarah had 33 songs on her mp3 player. If she wanted to put the songs equally into 7 different playlists, how many songs would she have left over? 33 ÷ 7 = 4 r5

3) The roller coaster at the state fair costs 8 tickets per ride. If you had 43 tickets, how many tickets would you have left if you rode it as many times as you could? 43 ÷ 8 = 5 r3

4) Each house a carpenter builds needs 3 sinks. If he bought 19 sinks, how many houses would that cover? 19 ÷ 3 = 6 r1

5) A new video game console needs 9 computer chips. If a machine can create 66 computer chips a day, how many video game consoles can be created in a day? 66 ÷ 9 = 7 r3

6) Will is trying to earn 42 dollars for some new toys. If he charges 5 dollars to mow a lawn, how many lawns will he need to mow to earn the money? 42 ÷ 5 = 8 r2

7) Amy wanted to drink exactly 5 bottles of water each day, so she bought 31 bottles when they were on sale. How many more bottles will she need to buy on the last day? 31 ÷ 5 = 6 r1

8) A machine in a candy company creates 47 pieces of candy a minute. If a small box of candy has 5 pieces in it how many full boxes does the machine make in a minute? 47 ÷ 5 = 9 r2

9) A store owner had 6 employees and bought 56 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra? 56 ÷ 6 = 9 r2

10) A movie theater needed 42 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy? 42 ÷ 9 = 4 r6

11) A box of cupcakes cost $5. If you had 42 dollars and bought as many boxes as you could, how much money would you have left? 42 ÷ 5 = 8 r2

12) A grocery store needed 33 cans of peas. If the peas come in boxes with 4 cans in each box, how many boxes would they need to order? 33 ÷ 4 = 8 r1

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

25. Our class collected 254 pinecones. Another class collected 329. About how many did we collect all together? (Round to the nearest hundred).

26. My friend thinks there are six billion, four hundred twenty-seven million, three hundred eighty-nine thousand, two hundred sixty four leaves on the trees in the forest. Write that number in standard form.

27. Robert's school collected 16,843 acorns this year. Last year they collected 14,928 How many more did they collect this year?

28. Paola's family owns an apple orchard. Saturday they made $2,284.74. Sunday they made $2,123.98. How much money did they make this weekend?

29. If Jon buys a shirt for $21.48, a pair of pants for $30.84 and a jacket for $22.47?

30. This year a pumpkin patch grew 1,472 pumpkins. Last year it grew 1,099. How many more pumpkins did it grow this year?

31. Evan poured 274 cups of apple cider and 318 cups of hot chocolate sell at the soccer game. He sold 243 cups of apple cider and 299 cups of hot chocolate. How many cups did he have left?

32. Your team scored 12 more points than its opponent. Write an expression that represents the number of points your team scored.

33. A famous football player earned $3,755,950 from an advertising campaign. Round that number to the nearest hundred thousand dollars.

34. Riley scored a 8.75 in a gymnastics event at the state meet. Deondra scored 0.235 more than Riley in the same event. What was Riley's score?

35. Olivia bought four bags of apples at the grocery. Each bag contained 11 apples. Emerson bought twice as many apples as Olivia. How many apples did Emerson buy?

36. A factory packs each large box with 14 pumpkins. How many pumpkins are in a shipment of 21 boxes?

Looking for a Pattern

Directions: Determine the pattern. Complete the grids.

.67		.69	
.32	.33		
.71			.74
.04		.06	
	.84	.85	
		.57	.58