

Name: _____

6	+33		+4		+39		+9		+57
	-12		+16		-6		-19		+11
+3									84
83	-75		+7		+15		-4		
58	-2		+39		-18				
							-44		
+13	35	-31	66	+22			+11		
+8									
	+15	71	+5	76	-1		+3	78	

Name: _____

x	0	1	2	3	4	5	6	7	8	9	10	11	12
2								14					
3							18						
4						20							
5					20								
6		6											
7												77	
8											80		
9													108
10				30									
11									88				
12			24										

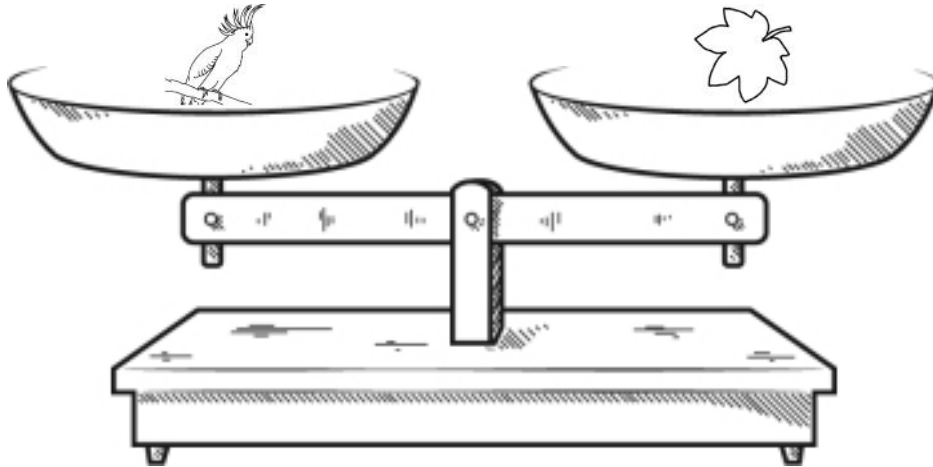
$11 \times 10 =$ $6 \times 6 =$ $3 \times 10 =$ $5 \times 8 =$ $1 \times 11 =$

$7 \times 6 =$ $0 \times 8 =$ $7 \times 9 =$ $4 \times 10 =$ $2 \times 12 =$

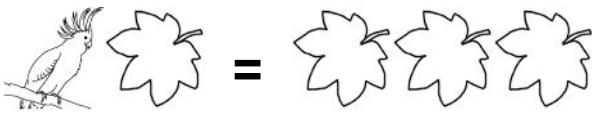
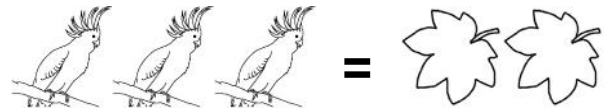
$3 \times 3 =$ $5 \times 4 =$ $5 \times 11 =$ $0 \times 11 =$ $9 \times 7 =$

$9 \times 4 =$ $12 \times 10 =$ $7 \times 10 =$ $8 \times 2 =$ $1 \times 6 =$

Name: _____



Look at the balance. What does it tell you? Write a sentence to explain.

☐ True☐ False☐ True☐ False☐ True☐ False☐ True☐ False☐ True☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

8, 10, 12, 14, 16, 18, 20,

_____, 24

Make your own
equation.

____ x 5 + 6 = ____

$6 \times 6 + 6$

word root **pro** can mean **forward** or **for** **proceed, progress, promote**

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make \$14.16.

		\$1		
<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">10¢</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div>				

Use the fewest bills and coins to make \$41.58.

<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div>		

Use the fewest bills and coins to make \$25.32.

Use the fewest bills and coins to make \$42.37.

$$59 + 61 = \underline{\hspace{2cm}}$$

$$9 + \boxed{} = 31$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 84 \\ \hline \end{array}$$

word root **avi** can mean **bird** **aviator, aviary**

Name: _____

Cross off the letter or number that does NOT belong.

e, 5, R, 4, e, 5, R, 4, e, 5, R, 4, e, 5, R, R, 4

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

14, 28, 42, 56, 70, 84, 98, 112, 126, 128, 140

Why does _____ not belong in the pattern?

Name: _____

Fill in the numbers.

	57	
	67	68
		78

47		

35	36		
45			
55			

		25	26	
	34	35		
			46	
				57
				67

25	

41	42		
	52		
71			

		14		
				26
			35	
		45		

44		46
75	76	

		24	25
		34	
52			

Name: _____

Match each pattern to its rule.

+ 3

+ 2

14, 12, 10, 8

+ 7

- 6

- 8

● 30, 22, 14, 6

● 26, 20, 14, 8

● 7, 10, 13, 16

● 2, 9, 16, 23

● - 2

● 9, 11, 13, 15

 $6 - 2 + 4 + 5 - 2$

double 200

Round 72 to the nearest 10.

85, 90, 95, 100, 105,
_____, 115

$$\begin{array}{r} 39 \\ - 5 \\ \hline \end{array}$$

 $8 - 2 - 3$

Circle the odd numbers.

62 74 71 38

55 59 77 70 83

56 82 73 44

5 thousands, 8 hundreds, 2
ones, 3 tens

$$\begin{array}{r} 179 \\ + 25 \\ \hline \end{array}$$

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

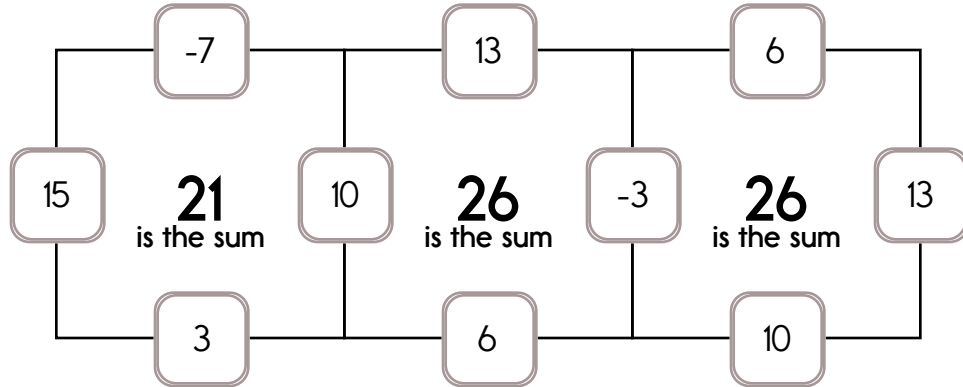
Example:

$$15 + 10 + 3 - 7 = 21$$

Example:

$$13 + 6 + 10 - 3 = 26$$

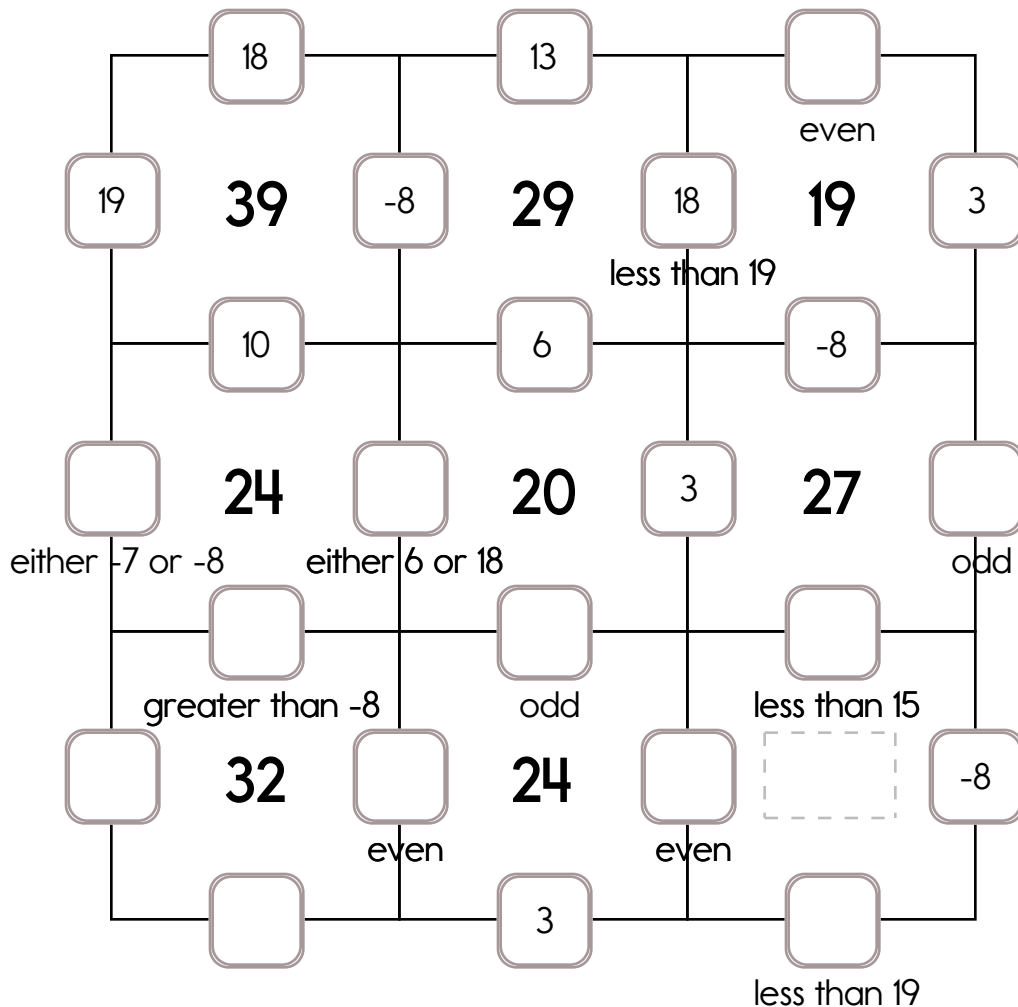
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: -3, -7, or -8.

The other three numbers have to all be **DIFFERENT** and must be from these: 6, 10, 15, 19, 3, 13, or 18.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: -6, -5, or -7.

The other three numbers have to all be DIFFERENT and must be from these: 19, 7, 18, 3, 15, or 14.

	-7		14		14	
				greater than 3		
18	37	19	29	3	29	-6
	7		-7		18	
			either -5 or -7			
	19		18		23	
even		either 7 or 15		greater than 3		odd
	odd		either 7 or 3		less than 7	
15	30		21		33	
			odd		either 15 or 18	
	even		either 14 or 7			
	45		24		46	
less than 15		odd		odd		greater than 3
	even		less than 19		either 18 or 3	
	46		18			
odd		even		less than 18		
	less than 18		odd		greater than -7	

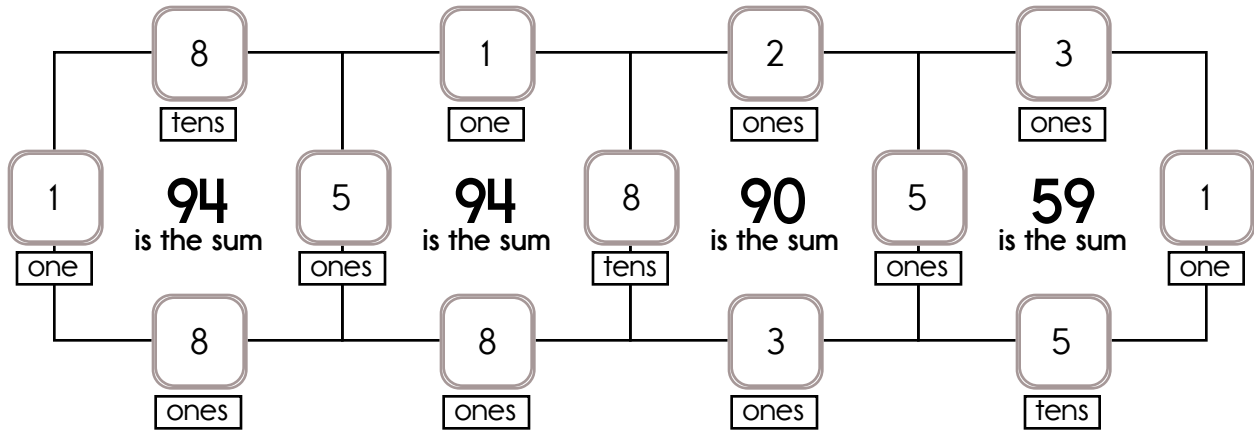
Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

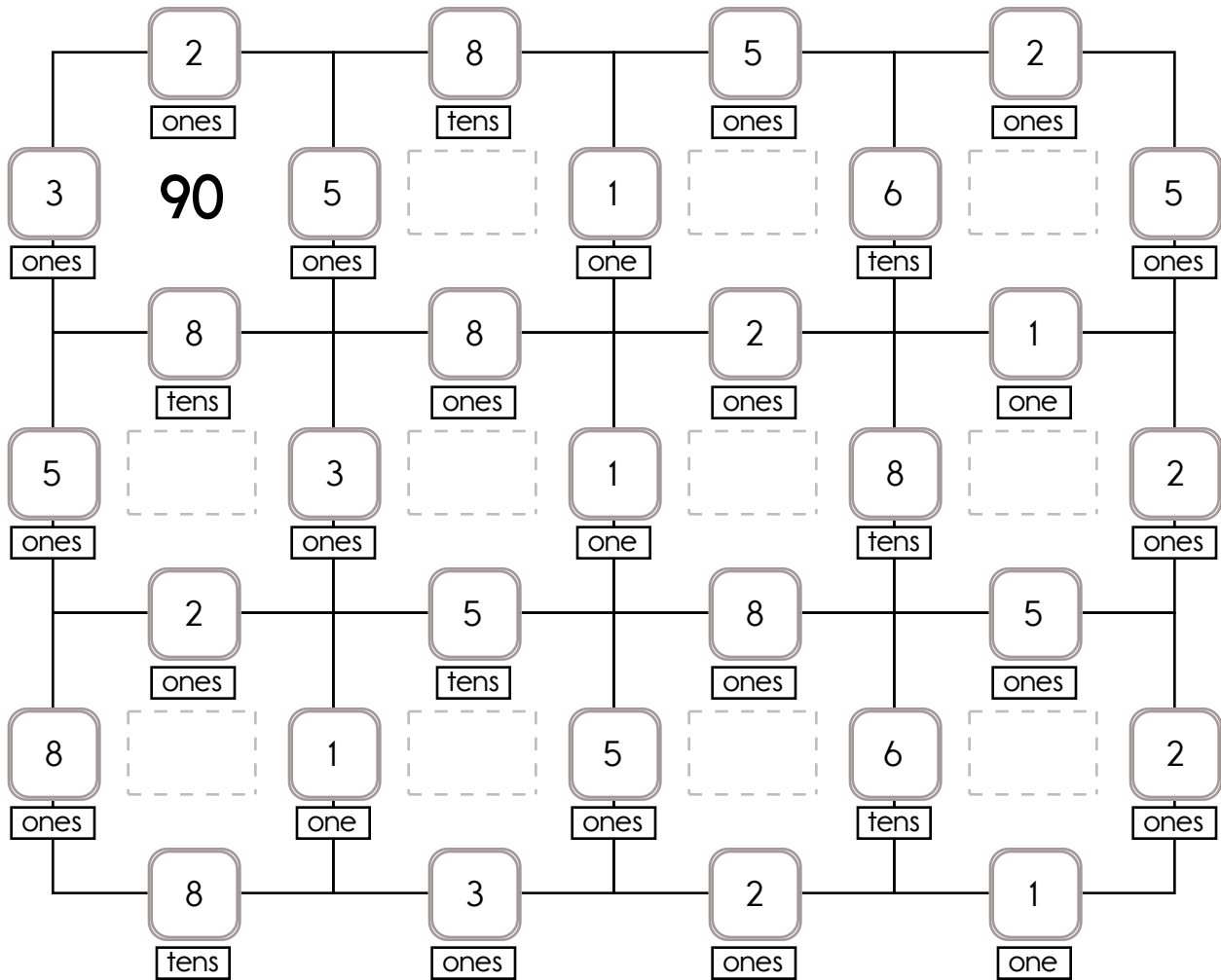
Example:

$$1 + 5 + 80 + 8 = 94$$

$$80 + 5 + 2 + 3 = 90$$



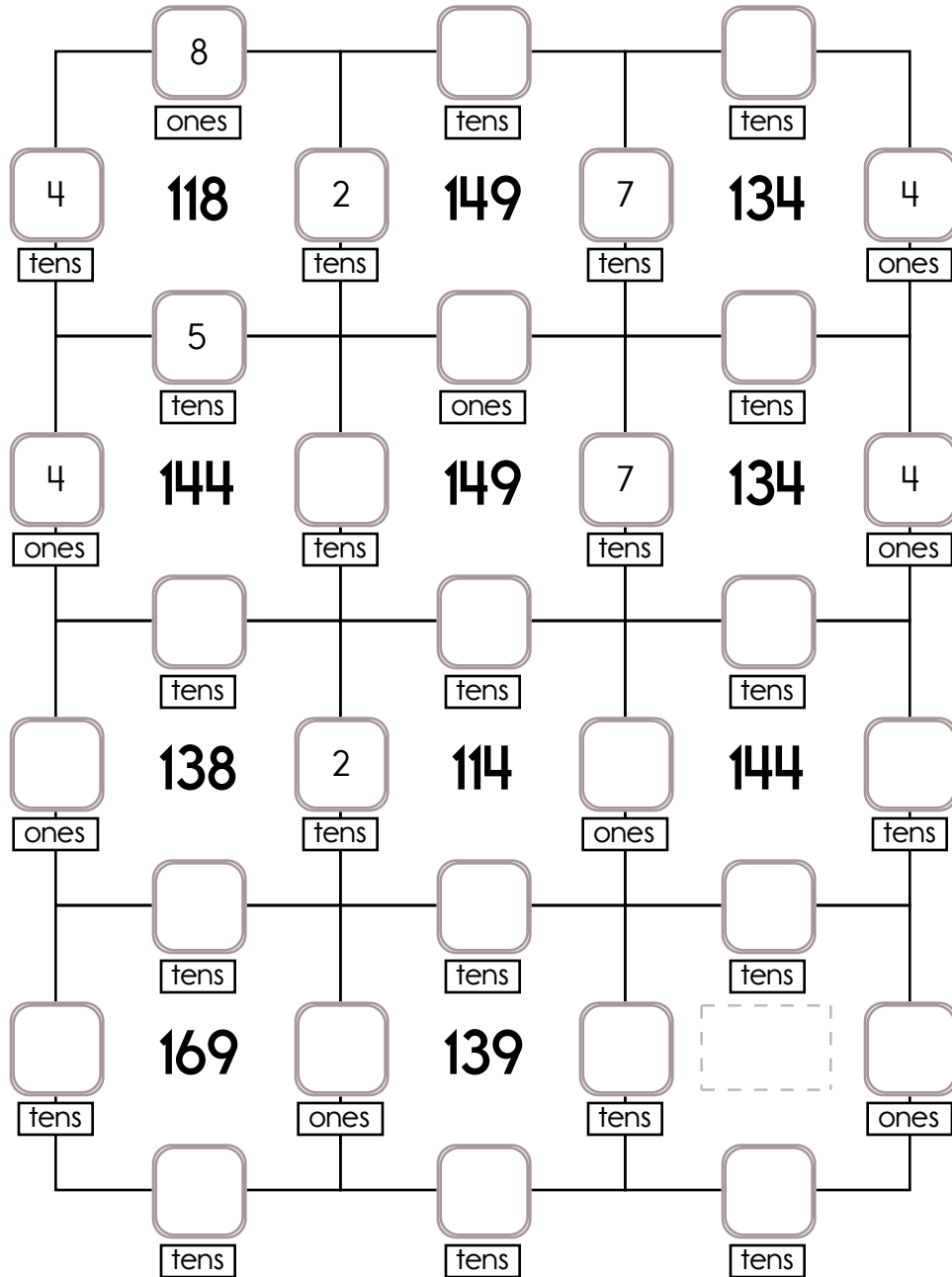
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.



$11 + \square = 19$	$11 + \square = 37$	$32 + \square = 34$	$20 + \square = 24$
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Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 9 ones, 8 ones, or 4 ones. The other three numbers have to all be DIFFERENT and must be from these: 4 tens, 2 tens, 7 tens, or 5 tens.



Which number is six hundred forty-two?

- 264 246 642
6,402

Can you think of a five-letter word that has the vowel O in it?

Name: _____

$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

Compare.

$\frac{3}{4}$ ○ $\frac{1}{2}$	$\frac{2}{4}$ ○ $\frac{6}{12}$	$\frac{3}{8}$ ○ $\frac{1}{12}$	$\frac{5}{12}$ ○ $\frac{7}{10}$
$\frac{5}{8}$ ○ $\frac{2}{4}$	$\frac{2}{8}$ ○ $\frac{1}{4}$	$\frac{1}{3}$ ○ $\frac{2}{7}$	$\frac{1}{2}$ ○ $\frac{1}{10}$
$\frac{4}{8}$ ○ $\frac{5}{10}$	$\frac{5}{7}$ ○ $\frac{2}{3}$	$\frac{3}{7}$ ○ $\frac{6}{12}$	$\frac{6}{10}$ ○ $\frac{3}{8}$
$\frac{1}{8}$ ○ $\frac{1}{4}$	$\frac{2}{4}$ ○ $\frac{1}{3}$	$\frac{1}{2}$ ○ $\frac{6}{12}$	$\frac{1}{2}$ ○ $\frac{10}{12}$
$\frac{1}{3}$ ○ $\frac{6}{7}$	$\frac{5}{10}$ ○ $\frac{1}{2}$	$\frac{5}{7}$ ○ $\frac{2}{12}$	$\frac{6}{10}$ ○ $\frac{7}{8}$
$\frac{2}{8}$ ○ $\frac{1}{7}$	$\frac{1}{2}$ ○ $\frac{2}{3}$	$\frac{2}{3}$ ○ $\frac{8}{12}$	$\frac{2}{3}$ ○ $\frac{3}{4}$