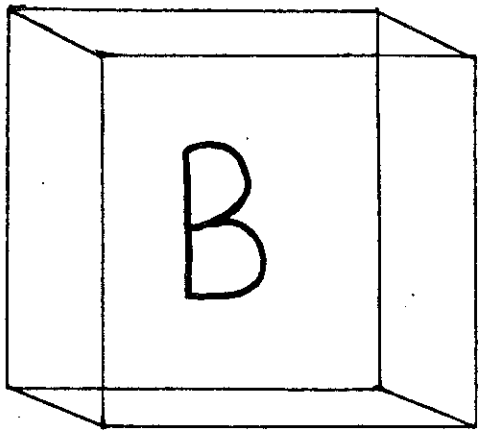
SPECIAL PROBLEMS



Name _____

2 or 5 or 10

60 is about _____ times as large as 31

51 is about _____ times as large as 5

16 is about _____ times as large as 7

65 is about _____ times as large as 12

200 is about _____ times as large as 21

100 is about _____ times as large as 19

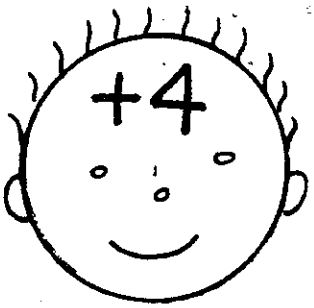
98 is about _____ times as large as 50

45 is about _____ times as large as 8

602 is about _____ times as large as 298

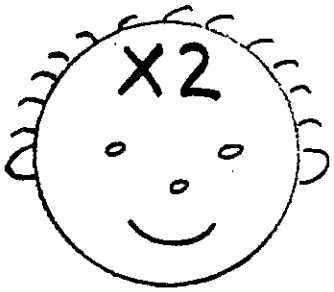
503 is about _____ times as large as 49

59 is about _____ times as large as 31



John

Mary



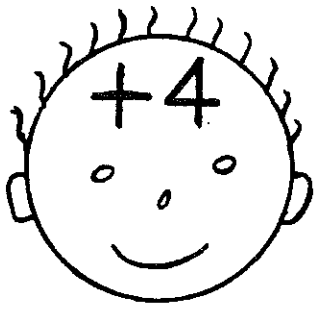
Bill

P1. 7 ⇛ Mary ⇛ ☐

P2. 2 ⇛ John ⇛ Bill ⇛ ☐

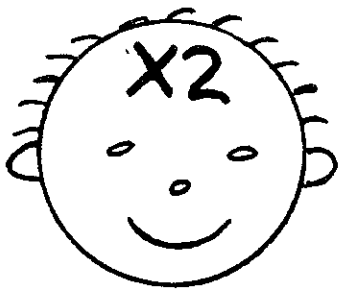
P3. 8 ⇛ Mary ⇛ Mary ⇛ ☐

P4. ☐ ⇛ John ⇛ 6



John

Mary



Bill

5 ⇒ John ⇒ ☐

4 ⇒ Bill ⇒ Mary ⇒ ☐

2 ⇒ John ⇒ John ⇒ ☐

0 ⇒ John ⇒ Mary ⇒ Bill ⇒ ☐

12 ⇒ Mary ⇒ Mary ⇒ Mary ⇒ ☐

☐ ⇒ Mary ⇒ 4

☐ ⇒ John ⇒ Bill ⇒ 10

☐ ⇒ Bill ⇒ Bill ⇒ 8

☐ ⇒ John ⇒ John ⇒ John ⇒ 14

	+	1	
=	−	2	( )
	X	3	

3 - 1 = 2

2 X 3 = 6

1 + 1 + 1 + 1 = 2 X 2

2 X (3-1) = 2 + 2

	+	1	
=	−	2	( )
	X	3	

371 + 248

370 + 258

371 + 248	370 + 258
51 + 19	49 + 29
700 − 189	710 − 191
$\frac{1}{2}$ of 1000	$\frac{1}{3}$ of 1000
53 + 19	53 + 23
7 × 278	7 × 311
100 − 40	100 − 50
3 × 162	4 × 160
460 + 341	490 + 340
$\frac{2}{3}$ of 500	$\frac{1}{6}$ of 500
500 − 201	500 − 189
69 + 69 + 69	5 × 69
$\frac{1}{2}$ of 790	2 × 218
585 + 250	580 + 240

$$\begin{array}{r} 129 \\ +2\blacksquare\blacksquare \\ \hline 564 \end{array}$$

Could **564** be the answer?

No, 564 is too small. ☐
Yes, 564 could be right. ☐
No, 564 is too big. ☒

$$\begin{array}{r} 400 \\ -2\blacksquare\blacksquare \\ \hline 49 \end{array}$$

Could **49** be the answer?

No, 49 is too small. ☐
Yes, 49 could be right. ☐
No, 49 is too big. ☐

Addition

$$\begin{array}{r} 54 \\ +3\blacksquare\blacksquare \\ \hline 500 \end{array}$$

Could **500** be the answer?

No, 500 is too small. ☐
Yes, 500 could be right. ☐
No, 500 is too big. ☐

$$\begin{array}{r} 540 \\ +3\blacksquare\blacksquare \\ \hline 830 \end{array}$$

Could **830** be the answer?

No, 830 is too small. ☐
Yes, 830 could be right. ☐
No, 830 is too big. ☐

$$\begin{array}{r} 364 \\ +3\blacksquare\blacksquare \\ \hline 700 \end{array}$$

Could **700** be the answer?

No, 700 is too small. ☐
Yes, 700 could be right. ☐
No, 700 is too big. ☐

Subtraction

$$\begin{array}{r} 60 \\ -4\blacksquare \\ \hline 28 \end{array}$$

Could **28** be the answer?

No, 28 is too small. ☐
Yes, 28 could be right. ☐
No, 28 is too big. ☐

$$\begin{array}{r} 52 \\ -3\blacksquare \\ \hline 15 \end{array}$$

Could **15** be the answer?

No, 15 is too small. ☐
Yes, 15 could be right. ☐
No, 15 is too big. ☐

$$\begin{array}{r} 550 \\ -3\blacksquare 5 \\ \hline 255 \end{array}$$

Could **255** be the answer?

No, 255 is too small. ☐
Yes, 255 could be right. ☐
No, 255 is too big. ☐

Multiplication

$$\begin{array}{r} 2\blacksquare \\ \times\ 2 \\ \hline 34 \end{array}$$

Could **34** be the answer?

No, 34 is too small. ☐
Yes, 34 could be right. ☐
No, 34 is too big. ☐

$$\begin{array}{r} 13 \\ \times\ \blacksquare \\ \hline 239 \end{array}$$

Could **239** be the answer?

No, 239 is too small. ☐
Yes, 239 could be right. ☐
No, 239 is too big. ☐

1. An elevator can't hold more than 5 people.

   23 people want to ride to the top floor.

   How many times will the elevator have to go up? _____

2. Mr. Jones owns a car transporting company.

   His trucks can carry 3 cars each.

   He is loading 14 cars onto trucks.

   How many trucks will he need? _____

3. It takes 4 men to lift a piano.

   We have 14 men ready to work.

   How many pianos can they lift at the same time? _____

4. There are 18 hamsters in a pet store.

   The store owner is putting the hamsters into new cages.

   Each new cage holds no more than 4 hamsters.

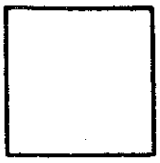
   How many cages will he need? _____

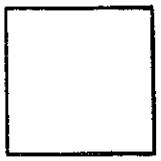
5. A school wants to send as many volleyball teams as possible to a tournament.

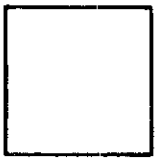
   Each team must have 6 players.

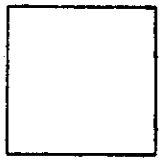
   There are 21 volleyball players in the school.

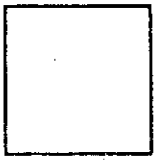
   How many teams can they send? _____

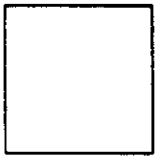
$\frac{1}{3}$ of 6 = 

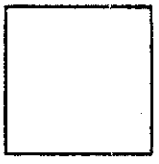
$\frac{1}{2}$ of  = 4

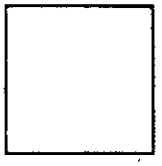
$\frac{1}{2}$ of 12 = 

$\frac{1}{2}$ of  = 8

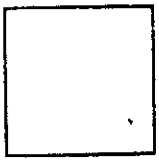
$\frac{1}{3}$ of 15 = 

$\frac{1}{3}$ of  = 12

$\frac{1}{2}$ of 38 = 

$\frac{1}{2}$ of  = 28

$\frac{1}{2}$ of 230 = 

 of 21 = 7