

1. Mary and Julia are twins. They invited 28 friends to their birthday party. Mary wrote 3 time as many invitation cards as Julia did. How many cards did Julia write? (Draw a schematic picture of the problem if it can help you.)
2. Find missing digits:

$$\begin{array}{r}
 370 \square \\
 + \square 9 \square 8 \\
 \hline
 9 \square 4 0
 \end{array}$$

3. Replace the addition with multiplication:

Example:

$14 + 14 + 14 + 14 = 4 \times 14$															
$x + x + x = 3 \times x$															

- | | |
|---|--|
| <p>a. $35 + 35 + 35 + 35 + 35$;</p> <p>b. $120 + 120 + 120 + 120$</p> <p>c. $a + a + a + a + a + a + a + a$;</p> <p>d. $x + x + x + x + x$;</p> <p>e. $\underbrace{34 + 34 + \dots + 34}_{10 \text{ times}}$</p> | <p>f. $\underbrace{23 + 23 + \dots + 23}_{100 \text{ times}}$</p> <p>e. $\underbrace{a + a + \dots + a}_{100 \text{ times}}$</p> |
|---|--|

4. Compare without doing calculations (put <, >, or =):

- | | |
|--|--|
| <p>a. $2453 + 235$ ____ $2453 + 236$</p> <p>c. $2341 - 123$ ____ $2341 - 122$</p> <p>e. $a \div 4$ ____ $a \div 3$</p> | <p>b. 234×123 ____ 234×122</p> <p>d. $456 \div 4$ ____ $456 \div 3$</p> <p>f. $b + 235$ ____ $b + 236$</p> |
|--|--|

5. Place parentheses into the following expression so that the statement is true.

a. $15 - 35 + 5 \div 4 = 5$

b. $60 + 40 - 16 \div 4 = 66$

c. $24 \div 56 - 8 \times 4 = 1$

d. $96 - 12 \div 6 \times 3 = 8$

e. $64 \div 64 - 8 \times 4 = 2$

f. $63 \div 9 + 54 = 1$

g. $75 - 15 \div 5 + 10 = 22.$