

## Practice Test Unit 10 and 14

1. Adding and subtracting two 2 – digit numbers.  
Write the totals.

a)  $33 + 24 =$

b)  $48 + 31 =$

c)  $26 + 33 =$

d)  $44 + 35 =$

2. Adding and subtracting two 2 – digit numbers.  
Write the totals.

a)  $39 - 24 =$

b)  $38 - 21 =$

c)  $37 - 14 =$

3. Adding and subtracting two 2 – digit numbers.  
Find the difference between the numbers.

|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

a) The difference between 26 and 12  
is

b) The difference between 45 and 22  
is

c) The difference between 63 and 96  
is



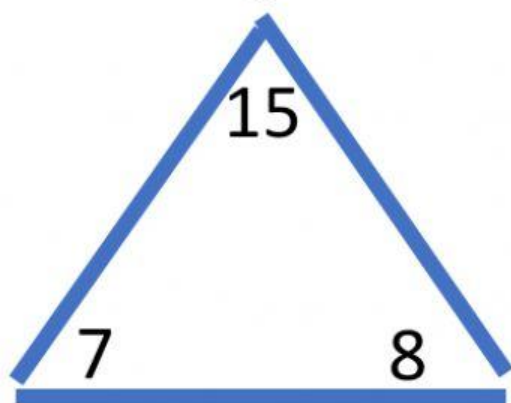
The difference between 56 and 32 is 24

4. Connecting addition and subtraction.

Find the inverse calculations.

| Calculation    | Inverse                                          |
|----------------|--------------------------------------------------|
| $4 + 6 = 10$   | $10 - 6 = 4$                                     |
| $13 - 5 = 8$   | <input type="text"/> + 5 = <input type="text"/>  |
| $23 + 18 = 45$ | <input type="text"/> - 18 = <input type="text"/> |
| $74 - 31 = 43$ | <input type="text"/> + 31 = <input type="text"/> |

5. Connecting addition and subtraction.

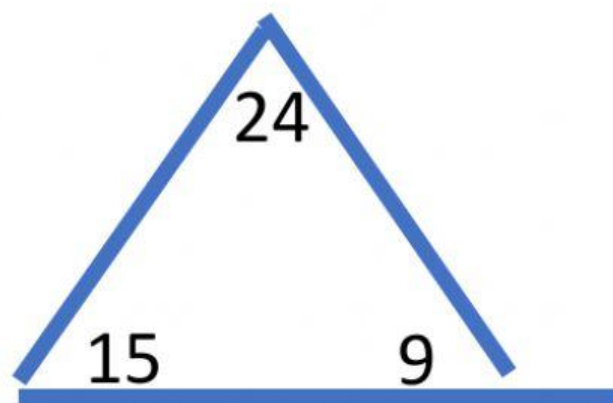


$$7 + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} + 8 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = 8$$

$$\boxed{\phantom{00}} - 8 = \boxed{\phantom{00}}$$



$$15 + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} + 9 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = 15$$

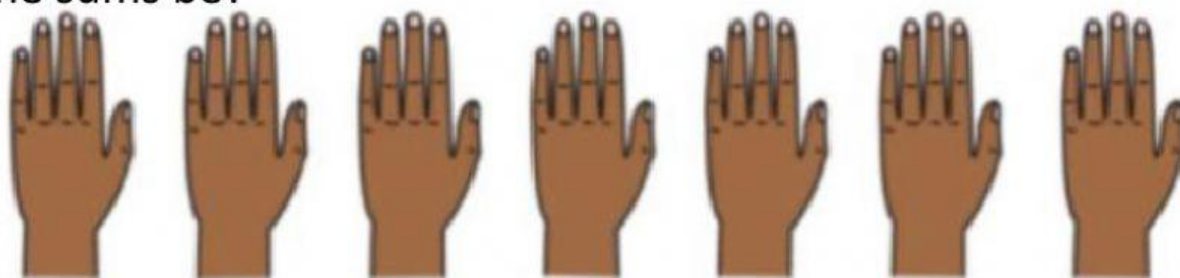
$$\boxed{\phantom{00}} - 9 = \boxed{\phantom{00}}$$

6. Connecting addition and subtraction. True or False?

| Calculation    | Inverse              |
|----------------|----------------------|
| $38 - 22 = 26$ | FALSE                |
| $14 + 34 = 48$ | <input type="text"/> |
| $38 - 13 = 10$ | <input type="text"/> |
| $36 + 22 = 58$ | <input type="text"/> |

7. Multiplication.

Bao Tran is using hands to write multiplication sums. What can the sums be?

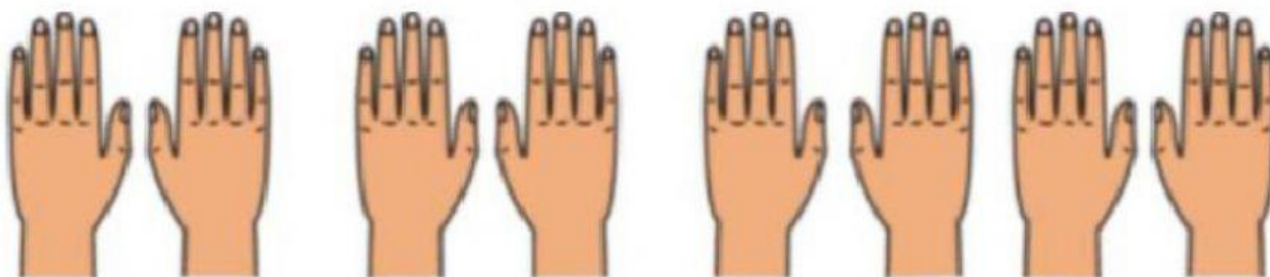


$$5 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$6 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

7. Multiplication.

Bao Tran is using hands to write multiplication sums. What can the sums be?



$$4 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$10 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

9. Connecting addition and subtraction.

| Multiply by 2                                                      | Doubling                                                           |
|--------------------------------------------------------------------|--------------------------------------------------------------------|
| $3 \times 2 = 6$                                                   | $3 + 3 = 6$                                                        |
| $6 \times 2 = 12$                                                  | <input type="text"/> + <input type="text"/> = <input type="text"/> |
| <input type="text"/> x <input type="text"/> = <input type="text"/> | $2 + 2 = 4$                                                        |
| <input type="text"/> x <input type="text"/> = <input type="text"/> | $7 + 7 = 14$                                                       |

10. Division.

Match the inverse fact.

$5 \times 5 = 25$

$18 \div 2 = 9$

$3 \times 10 = 30$

$50 \div 5 = 10$

$2 \times 9 = 18$

$25 \div 5 = 5$

$5 \times 10 = 50$

$40 \div 8 = 5$

$5 \times 8 = 40$

$30 \div 10 = 3$

11. Division.

Write the equivalent fraction  $\frac{1}{2}$  or  $\frac{1}{4}$ .

$22 \div 2 = 11$    $\frac{1}{2}$

a)  $20 \div 2 = 10$

b)  $24 \div 4 = 6$

c)  $16 \div 2 = 8$

d)  $8 \div 4 = 2$

## 12. Pattern and probability

Look at the pattern, which 3 colours will come next?



|          |          |          |
|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> |
|----------|----------|----------|

A =

B =

C =

## 13. Pattern and probability

Look at the pattern, which 3 colours will come next?

20      30      40      50      60      70      80

a) 33    44    55    66    77           

b) 25    30    40    45    50