

**Addition (Horizontal)**

$$\begin{array}{r} 4 + 8 = \underline{\quad} \\ 3 + 2 = \underline{\quad} \\ 5 + 4 = \underline{\quad} \\ 8 + 5 = \underline{\quad} \\ 7 + 5 = \underline{\quad} \\ 9 + 6 = \underline{\quad} \\ 8 + 7 = \underline{\quad} \\ 6 + 8 = \underline{\quad} \\ 5 + 9 = \underline{\quad} \\ 5 + 2 = \underline{\quad} \\ 4 + 3 = \underline{\quad} \\ 3 + 4 = \underline{\quad} \\ 9 + 3 = \underline{\quad} \\ 4 + 4 = \underline{\quad} \\ 3 + 5 = \underline{\quad} \\ 8 + 6 = \underline{\quad} \\ 6 + 7 = \underline{\quad} \\ 8 + 5 = \underline{\quad} \\ 7 + 5 = \underline{\quad} \\ 9 + 6 = \underline{\quad} \\ 5 + 7 = \underline{\quad} \\ 9 + 2 = \underline{\quad} \\ 3 + 4 = \underline{\quad} \\ 9 + 3 = \underline{\quad} \\ 9 + 6 = \underline{\quad} \end{array}$$

$$\begin{array}{r} 6 + 9 = \underline{\quad} \\ 5 + 8 = \underline{\quad} \\ 6 + 7 = \underline{\quad} \\ 7 + 8 = \underline{\quad} \\ 4 + 9 = \underline{\quad} \\ 6 + 1 = \underline{\quad} \\ 4 + 2 = \underline{\quad} \\ 3 + 3 = \underline{\quad} \\ 2 + 4 = \underline{\quad} \\ 6 + 9 = \underline{\quad} \\ 5 + 9 = \underline{\quad} \\ 4 + 4 = \underline{\quad} \\ 3 + 1 = \underline{\quad} \\ 3 + 2 = \underline{\quad} \\ 5 + 4 = \underline{\quad} \\ 6 + 5 = \underline{\quad} \\ 7 + 9 = \underline{\quad} \\ 8 + 4 = \underline{\quad} \\ 6 + 6 = \underline{\quad} \\ 7 + 9 = \underline{\quad} \\ 4 + 8 = \underline{\quad} \\ 3 + 7 = \underline{\quad} \\ 4 + 4 = \underline{\quad} \\ 6 + 4 = \underline{\quad} \\ 7 + 6 = \underline{\quad} \end{array}$$

**Subtraction (Horizontal)**

$16 - 5 = \underline{\quad}$

$11 - 9 = \underline{\quad}$

$16 - 10 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$14 - 4 = \underline{\quad}$

$15 - 14 = \underline{\quad}$

$18 - 2 = \underline{\quad}$

$6 - 3 = \underline{\quad}$

$3 - 3 = \underline{\quad}$

$14 - 2 = \underline{\quad}$

$17 - 7 = \underline{\quad}$

$18 - 8 = \underline{\quad}$

$16 - 6 = \underline{\quad}$

$14 - 10 = \underline{\quad}$

$19 - 8 = \underline{\quad}$

$7 - 4 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

$13 - 2 = \underline{\quad}$

$16 - 16 = \underline{\quad}$

$20 - 18 = \underline{\quad}$

$20 - 15 = \underline{\quad}$

$20 - 4 = \underline{\quad}$

$7 - 5 = \underline{\quad}$

$19 - 3 = \underline{\quad}$

$12 - 6 = \underline{\quad}$

$16 - 15 = \underline{\quad}$

$13 - 10 = \underline{\quad}$

$19 - 9 = \underline{\quad}$

$17 - 4 = \underline{\quad}$

$16 - 1 = \underline{\quad}$

$18 - 2 = \underline{\quad}$

$14 - 1 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$18 - 10 = \underline{\quad}$

$12 - 7 = \underline{\quad}$

$17 - 14 = \underline{\quad}$

$20 - 10 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$18 - 2 = \underline{\quad}$

$14 - 4 = \underline{\quad}$

$18 - 18 = \underline{\quad}$

$20 - 10 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$20 - 1 = \underline{\quad}$

$$\begin{array}{r} 34 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 72 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 11 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ - 20 \\ \hline \end{array} \quad \begin{array}{r} 77 \\ - 60 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 10 \\ \hline \end{array} \quad \begin{array}{r} 57 \\ - 34 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ - 14 \\ \hline \end{array} \quad \begin{array}{r} 37 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 11 \\ \hline \end{array} \quad \begin{array}{r} 66 \\ - 23 \\ \hline \end{array} \quad \begin{array}{r} 89 \\ - 71 \\ \hline \end{array} \quad \begin{array}{r} 96 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 72 \\ \hline \end{array} \quad \begin{array}{r} 98 \\ - 68 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ - 23 \\ \hline \end{array} \quad \begin{array}{r} 27 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 19 \\ \hline \end{array} \quad \begin{array}{r} 32 \\ - 22 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ - 24 \\ \hline \end{array} \quad \begin{array}{r} 86 \\ - 14 \\ \hline \end{array}$$

**Addition with 9, 10, 11, 12.**

$10 + 9 = \underline{\hspace{2cm}}$

$16 + 11 = \underline{\hspace{2cm}}$

$13 + 10 = \underline{\hspace{2cm}}$

$29 + 12 = \underline{\hspace{2cm}}$

$14 + 11 = \underline{\hspace{2cm}}$

$18 + 9 = \underline{\hspace{2cm}}$

$20 + 12 = \underline{\hspace{2cm}}$

$14 + 10 = \underline{\hspace{2cm}}$

$13 + 9 = \underline{\hspace{2cm}}$

$16 + 11 = \underline{\hspace{2cm}}$

$16 + 10 = \underline{\hspace{2cm}}$

$11 + 12 = \underline{\hspace{2cm}}$

$19 + 11 = \underline{\hspace{2cm}}$

$20 + 9 = \underline{\hspace{2cm}}$

$17 + 12 = \underline{\hspace{2cm}}$

$28 + 10 = \underline{\hspace{2cm}}$

$14 + 9 = \underline{\hspace{2cm}}$

$16 + 11 = \underline{\hspace{2cm}}$

$19 + 10 = \underline{\hspace{2cm}}$

$13 + 12 = \underline{\hspace{2cm}}$

**Subtraction with 9, 10, 11, 12.**

$24 - 9 = \underline{\hspace{2cm}}$

$38 - 11 = \underline{\hspace{2cm}}$

$34 - 10 = \underline{\hspace{2cm}}$

$46 - 12 = \underline{\hspace{2cm}}$

$26 - 11 = \underline{\hspace{2cm}}$

$72 - 9 = \underline{\hspace{2cm}}$

$42 - 12 = \underline{\hspace{2cm}}$

$27 - 10 = \underline{\hspace{2cm}}$

$47 - 9 = \underline{\hspace{2cm}}$

$30 - 11 = \underline{\hspace{2cm}}$

$57 - 10 = \underline{\hspace{2cm}}$

$49 - 12 = \underline{\hspace{2cm}}$

$20 - 11 = \underline{\hspace{2cm}}$

$46 - 9 = \underline{\hspace{2cm}}$

$81 - 12 = \underline{\hspace{2cm}}$

$37 - 10 = \underline{\hspace{2cm}}$

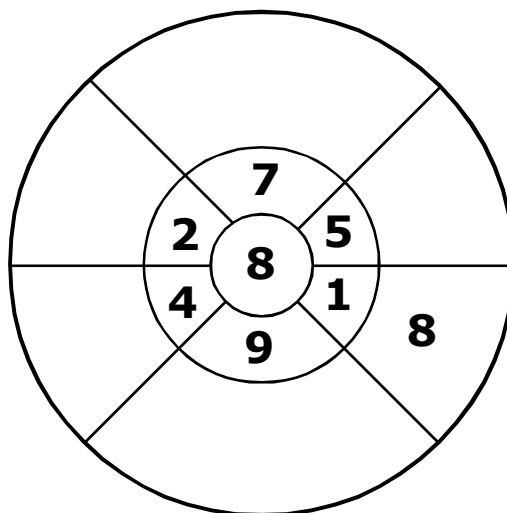
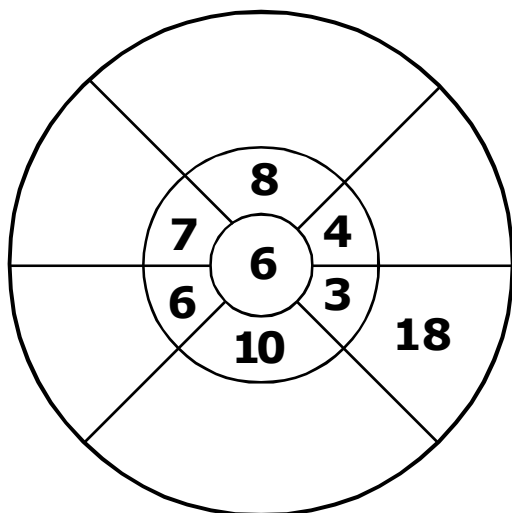
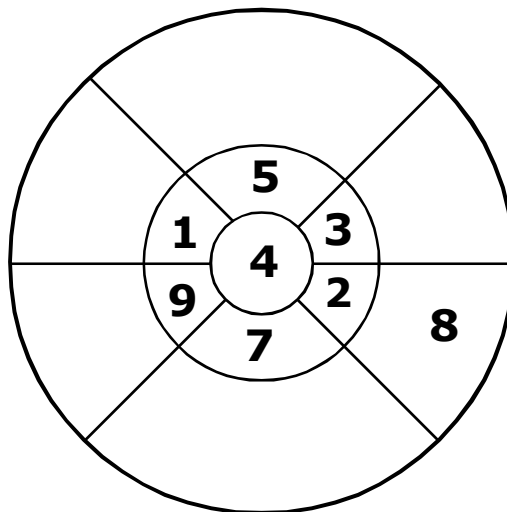
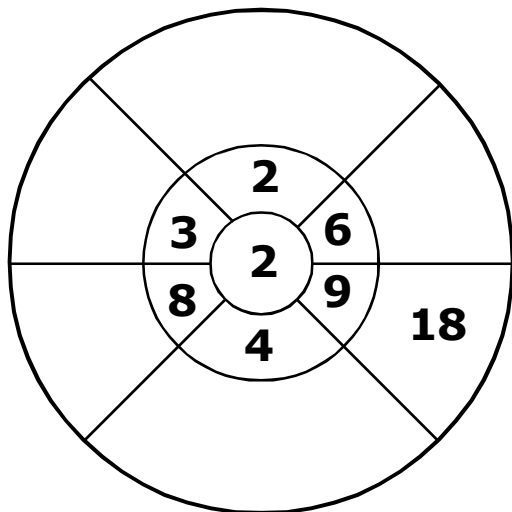
$90 - 9 = \underline{\hspace{2cm}}$

$67 - 11 = \underline{\hspace{2cm}}$

$98 - 10 = \underline{\hspace{2cm}}$

$87 - 12 = \underline{\hspace{2cm}}$

Complete the wheel with multiplication.



**Find missing numbers.**

$36 + \underline{\quad} = 52$

$\underline{\quad} + 18 = 50$

$28 + \underline{\quad} = 41$

$\underline{\quad} + 28 = 39$

$17 + \underline{\quad} = 30$

$\underline{\quad} + 19 = 56$

$23 + \underline{\quad} = 46$

$\underline{\quad} + 10 = 34$

$20 + \underline{\quad} = 42$

$\underline{\quad} + 16 = 34$

$24 - \underline{\quad} = 10$

$\underline{\quad} - 28 = 21$

$34 - \underline{\quad} = 12$

$\underline{\quad} - 16 = 23$

$45 - \underline{\quad} = 18$

$\underline{\quad} - 21 = 36$

$49 - \underline{\quad} = 30$

$\underline{\quad} - 40 = 40$

$66 - \underline{\quad} = 39$

$\underline{\quad} - 33 = 20$



**Find the number more than less than**1 **more** than 139 \_\_\_\_\_ 2 **more** than 458 \_\_\_\_\_6 **less** than 147 \_\_\_\_\_ 1 **less** than 238 \_\_\_\_\_5 **more** than 111 \_\_\_\_\_ 5 **more** than 523 \_\_\_\_\_3 **less** than 114 \_\_\_\_\_ 4 **less** than 458 \_\_\_\_\_2 **more** than 680 \_\_\_\_\_ 6 **more** than 236 \_\_\_\_\_4 **less** than 424 \_\_\_\_\_ 3 **less** than 968 \_\_\_\_\_5 **more** than 530 \_\_\_\_\_ 4 **more** than 752 \_\_\_\_\_3 **less** than 346 \_\_\_\_\_ 2 **less** than 964 \_\_\_\_\_4 **more** than 440 \_\_\_\_\_ 1 **more** than 752 \_\_\_\_\_6 **less** than 480 \_\_\_\_\_ 5 **less** than 968 \_\_\_\_\_

**Complete the number pattern.(10 marks)**

- (1) 130, 140, 150 \_\_\_\_\_
- (2) 940, 945, 950 \_\_\_\_\_
- (3) 168, 268, 368 \_\_\_\_\_
- (4) 750, 800, 850 \_\_\_\_\_
- (5) 660, 650, 640 \_\_\_\_\_
- (6) 210, 220, 230 \_\_\_\_\_
- (7) 465, 470, 475 \_\_\_\_\_
- (8) 328, 428, 528 \_\_\_\_\_
- (9) 80, 130, 180 \_\_\_\_\_
- (10) 320, 330, 340 \_\_\_\_\_

**Write the place value of circled digit.(10 marks)**

3 (2) 1 \_\_\_\_\_

(6) 1 2 \_\_\_\_\_

7 1 (9) \_\_\_\_\_

(8) 3 4 \_\_\_\_\_

5 (1) 2 \_\_\_\_\_

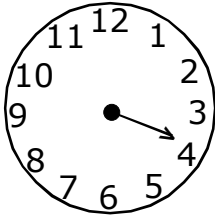
6 (7) 1 \_\_\_\_\_

(7) 7 7 \_\_\_\_\_

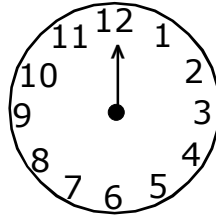
8 (4) 8 \_\_\_\_\_

7 (8) 4 \_\_\_\_\_

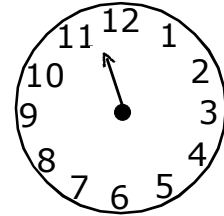
9 6 (1) \_\_\_\_\_

**Draw the missing minute hand. (6 marks)**

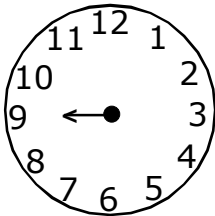
3 : 45



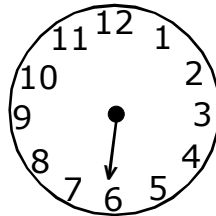
12 : 00



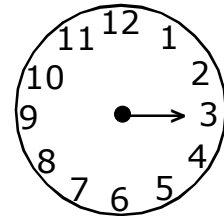
11 : 30



9 : 00



6 : 15



3 : 00

**Prepare 3 digit numbers by using digit only once. (14marks)**

|                | Smallest | Largest |
|----------------|----------|---------|
| (1) 1, 3, 5, 9 | _____    | _____   |
| (2) 7, 4, 3, 2 | _____    | _____   |
| (3) 6, 8, 5, 3 | _____    | _____   |
| (4) 3, 2, 8, 9 | _____    | _____   |
| (5) 9, 0, 5, 3 | _____    | _____   |
| (6) 6, 9, 8, 4 | _____    | _____   |
| (7) 3, 2, 0, 1 | _____    | _____   |

**Mixed Sums. (Please solve these sums from left to right direction)**

$14 + 3 - 4 = \underline{\hspace{2cm}}$

$7 \times 4 + 2 = \underline{\hspace{2cm}}$

$13 + 6 - 4 = \underline{\hspace{2cm}}$

$10 \times 6 + 4 = \underline{\hspace{2cm}}$

$3 \times 7 + 6 = \underline{\hspace{2cm}}$

$7 \times 10 - 3 = \underline{\hspace{2cm}}$

$9 - 3 + 2 = \underline{\hspace{2cm}}$

$3 + 7 - 4 = \underline{\hspace{2cm}}$

$7 - 6 + 3 = \underline{\hspace{2cm}}$

$8 + 8 - 3 = \underline{\hspace{2cm}}$

$8 \times 5 + 4 = \underline{\hspace{2cm}}$

$60 + 70 - 30 = \underline{\hspace{2cm}}$

$3 \times 6 - 10 = \underline{\hspace{2cm}}$

$35 - 5 + 6 = \underline{\hspace{2cm}}$

$9 - 8 + 20 = \underline{\hspace{2cm}}$

$8 + 7 - 4 = \underline{\hspace{2cm}}$

$8 - 3 + 1 = \underline{\hspace{2cm}}$

$4 \times 4 - 6 = \underline{\hspace{2cm}}$

$9 + 10 - 6 = \underline{\hspace{2cm}}$

$10 \times 8 - 6 = \underline{\hspace{2cm}}$