

Addition (Horizontal)

$4 + 8 = \underline{12}$

$3 + 2 = \underline{5}$

$5 + 4 = \underline{9}$

$8 + 5 = \underline{13}$

$7 + 5 = \underline{12}$

$9 + 6 = \underline{15}$

$8 + 7 = \underline{15}$

$6 + 8 = \underline{14}$

$5 + 9 = \underline{14}$

$5 + 2 = \underline{7}$

$4 + 3 = \underline{7}$

$3 + 4 = \underline{7}$

$9 + 3 = \underline{12}$

$4 + 4 = \underline{8}$

$3 + 5 = \underline{8}$

$8 + 6 = \underline{14}$

$6 + 7 = \underline{13}$

$8 + 5 = \underline{13}$

$7 + 5 = \underline{12}$

$9 + 6 = \underline{15}$

$5 + 7 = \underline{12}$

$9 + 2 = \underline{11}$

$3 + 4 = \underline{7}$

$9 + 3 = \underline{12}$

$9 + 6 = \underline{15}$

$6 + 9 = \underline{15}$

$5 + 8 = \underline{13}$

$6 + 7 = \underline{13}$

$7 + 8 = \underline{15}$

$4 + 9 = \underline{13}$

$6 + 1 = \underline{7}$

$4 + 2 = \underline{6}$

$3 + 3 = \underline{6}$

$2 + 4 = \underline{6}$

$6 + 9 = \underline{15}$

$5 + 9 = \underline{14}$

$4 + 4 = \underline{8}$

$3 + 1 = \underline{4}$

$3 + 2 = \underline{5}$

$5 + 4 = \underline{9}$

$6 + 5 = \underline{11}$

$7 + 9 = \underline{16}$

$8 + 4 = \underline{12}$

$6 + 6 = \underline{12}$

$7 + 9 = \underline{16}$

$4 + 8 = \underline{12}$

$3 + 7 = \underline{10}$

$4 + 4 = \underline{8}$

$6 + 4 = \underline{10}$

$7 + 6 = \underline{13}$

Subtraction (Horizontal)

$$\begin{array}{r} 16 - 5 = \underline{11} \\ 11 - 9 = \underline{2} \\ 16 - 10 = \underline{6} \\ 4 - 2 = \underline{2} \\ 14 - 4 = \underline{10} \\ 15 - 14 = \underline{1} \\ 18 - 2 = \underline{16} \\ 6 - 3 = \underline{3} \\ 3 - 3 = \underline{0} \\ 14 - 2 = \underline{12} \\ 17 - 7 = \underline{10} \\ 18 - 8 = \underline{10} \\ 16 - 6 = \underline{10} \\ 14 - 10 = \underline{4} \\ 19 - 8 = \underline{11} \\ 7 - 4 = \underline{3} \\ 4 - 3 = \underline{1} \\ 13 - 2 = \underline{11} \\ 16 - 16 = \underline{0} \\ 20 - 18 = \underline{2} \\ 20 - 15 = \underline{5} \\ 20 - 4 = \underline{16} \\ 7 - 5 = \underline{2} \\ 19 - 3 = \underline{16} \\ 12 - 6 = \underline{6} \end{array}$$

$$\begin{array}{r} 16 - 15 = \underline{1} \\ 13 - 10 = \underline{3} \\ 19 - 9 = \underline{10} \\ 17 - 4 = \underline{13} \\ 16 - 1 = \underline{15} \\ 18 - 2 = \underline{16} \\ 14 - 1 = \underline{13} \\ 7 - 1 = \underline{6} \\ 6 - 4 = \underline{2} \\ 2 - 1 = \underline{1} \\ 18 - 10 = \underline{8} \\ 12 - 7 = \underline{5} \\ 17 - 14 = \underline{3} \\ 20 - 10 = \underline{10} \\ 10 - 5 = \underline{5} \\ 5 - 2 = \underline{3} \\ 3 - 1 = \underline{2} \\ 18 - 2 = \underline{16} \\ 14 - 4 = \underline{10} \\ 18 - 18 = \underline{0} \\ 20 - 10 = \underline{10} \\ 10 - 6 = \underline{4} \\ 6 - 4 = \underline{2} \\ 10 - 4 = \underline{6} \\ 20 - 1 = \underline{19} \end{array}$$

$$\begin{array}{r} 34 \\ + 32 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 84 \\ + 60 \\ \hline 144 \end{array}$$

$$\begin{array}{r} 90 \\ + 41 \\ \hline 131 \end{array}$$

$$\begin{array}{r} 42 \\ + 52 \\ \hline 94 \end{array}$$

$$\begin{array}{r} 64 \\ + 14 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 40 \\ + 20 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 20 \\ + 64 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 80 \\ + 95 \\ \hline 175 \end{array}$$

$$\begin{array}{r} 75 \\ + 51 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 35 \\ + 54 \\ \hline 89 \end{array}$$

$$\begin{array}{r} 15 \\ + 13 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 56 \\ + 52 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 45 \\ + 13 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 35 \\ + 91 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 64 \\ + 91 \\ \hline 155 \end{array}$$

$$\begin{array}{r} 42 \\ + 34 \\ \hline 76 \end{array}$$

$$\begin{array}{r} 72 \\ + 72 \\ \hline 144 \end{array}$$

$$\begin{array}{r} 92 \\ + 10 \\ \hline 102 \end{array}$$

$$\begin{array}{r} 11 \\ + 10 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 68 \\ + 30 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 23 \\ - 11 \\ \hline 12 \end{array} \quad \begin{array}{r} 84 \\ - 20 \\ \hline 64 \end{array} \quad \begin{array}{r} 77 \\ - 60 \\ \hline 17 \end{array} \quad \begin{array}{r} 36 \\ - 24 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 46 \\ - 10 \\ \hline 36 \end{array} \quad \begin{array}{r} 57 \\ - 34 \\ \hline 23 \end{array} \quad \begin{array}{r} 84 \\ - 14 \\ \hline 70 \end{array} \quad \begin{array}{r} 37 \\ - 16 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 21 \\ - 11 \\ \hline 10 \end{array} \quad \begin{array}{r} 66 \\ - 23 \\ \hline 43 \end{array} \quad \begin{array}{r} 89 \\ - 71 \\ \hline 18 \end{array} \quad \begin{array}{r} 96 \\ - 86 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 99 \\ - 72 \\ \hline 27 \end{array} \quad \begin{array}{r} 98 \\ - 68 \\ \hline 30 \end{array} \quad \begin{array}{r} 84 \\ - 23 \\ \hline 61 \end{array} \quad \begin{array}{r} 27 \\ - 16 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 29 \\ - 19 \\ \hline 10 \end{array} \quad \begin{array}{r} 32 \\ - 22 \\ \hline 10 \end{array} \quad \begin{array}{r} 46 \\ - 24 \\ \hline 22 \end{array} \quad \begin{array}{r} 86 \\ - 14 \\ \hline 72 \end{array}$$

Addition with 9, 10, 11, 12.

$10 + 9 = \underline{19}$

$16 + 11 = \underline{27}$

$13 + 10 = \underline{23}$

$29 + 12 = \underline{41}$

$14 + 11 = \underline{25}$

$18 + 9 = \underline{27}$

$20 + 12 = \underline{32}$

$14 + 10 = \underline{24}$

$13 + 9 = \underline{22}$

$16 + 11 = \underline{27}$

$16 + 10 = \underline{26}$

$11 + 12 = \underline{23}$

$19 + 11 = \underline{30}$

$20 + 9 = \underline{29}$

$17 + 12 = \underline{29}$

$28 + 10 = \underline{38}$

$14 + 9 = \underline{23}$

$16 + 11 = \underline{27}$

$19 + 10 = \underline{29}$

$13 + 12 = \underline{25}$

Subtraction with 9, 10, 11, 12.

$$24 - 9 = \underline{15}$$

$$38 - 11 = \underline{27}$$

$$34 - 10 = \underline{24}$$

$$46 - 12 = \underline{34}$$

$$26 - 11 = \underline{15}$$

$$72 - 9 = \underline{63}$$

$$42 - 12 = \underline{30}$$

$$27 - 10 = \underline{17}$$

$$47 - 9 = \underline{38}$$

$$30 - 11 = \underline{19}$$

$$57 - 10 = \underline{47}$$

$$49 - 12 = \underline{37}$$

$$20 - 11 = \underline{9}$$

$$46 - 9 = \underline{37}$$

$$81 - 12 = \underline{69}$$

$$37 - 10 = \underline{27}$$

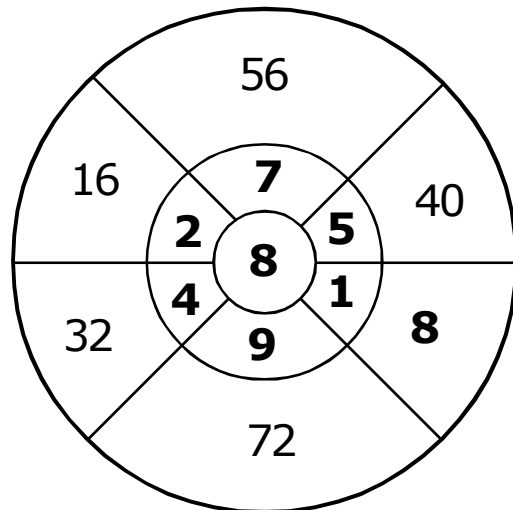
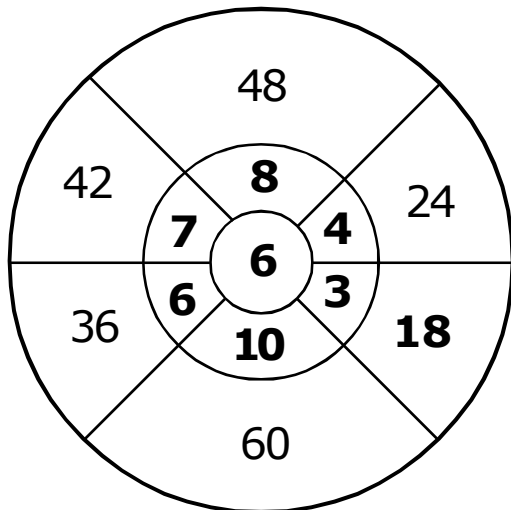
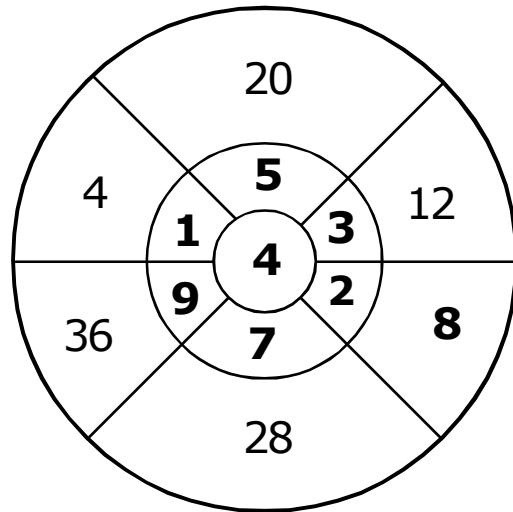
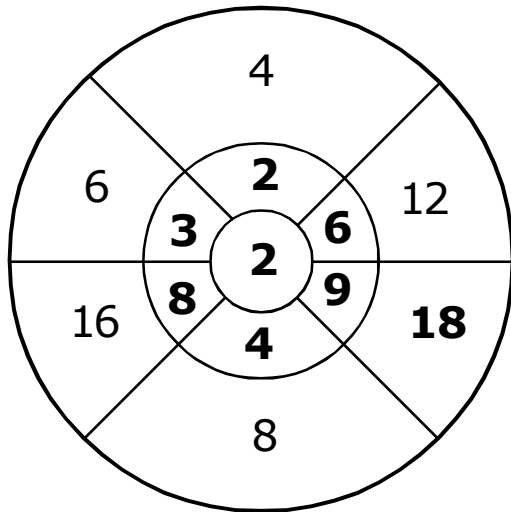
$$90 - 9 = \underline{81}$$

$$67 - 11 = \underline{56}$$

$$98 - 10 = \underline{88}$$

$$87 - 12 = \underline{75}$$

Complete the wheel with multiplication.



Find missing numbers.

$36 + \underline{16} = 52$

$\underline{32} + 18 = 50$

$28 + \underline{13} = 41$

$\underline{11} + 28 = 39$

$17 + \underline{13} = 30$

$\underline{37} + 19 = 56$

$23 + \underline{23} = 46$

$\underline{24} + 10 = 34$

$20 + \underline{22} = 42$

$\underline{18} + 16 = 34$

$24 - \underline{14} = 10$

$\underline{49} - 28 = 21$

$34 - \underline{22} = 12$

$\underline{39} - 16 = 23$

$45 - \underline{27} = 18$

$\underline{57} - 21 = 36$

$49 - \underline{19} = 30$

$\underline{80} - 40 = 40$

$66 - \underline{27} = 39$

$\underline{53} - 33 = 20$

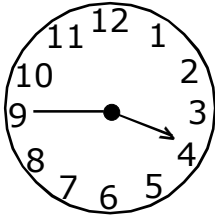
Find the number more than less than1 **more** than 139 1402 **more** than 458 4606 **less** than 147 1411 **less** than 238 2375 **more** than 111 1165 **more** than 523 5283 **less** than 114 1114 **less** than 458 4542 **more** than 680 6826 **more** than 236 2424 **less** than 424 4203 **less** than 968 9655 **more** than 530 5354 **more** than 752 7563 **less** than 346 3432 **less** than 964 9624 **more** than 440 4441 **more** than 752 7536 **less** than 480 4745 **less** than 968 963

Complete the number pattern.(10 marks)

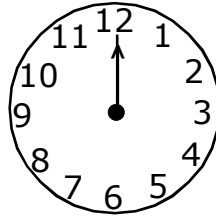
- (1) 130, 140, 150 160
- (2) 940, 945, 950 955
- (3) 168, 268, 368 468
- (4) 750, 800, 850 900
- (5) 660, 650, 640 630
- (6) 210, 220, 230 240
- (7) 465, 470, 475 480
- (8) 328, 428, 528 628
- (9) 80, 130, 180 230
- (10) 320, 330, 340 350

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

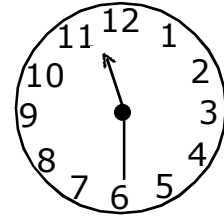
3	②	1	<u>20</u>	6	⑦	1	<u>70</u>
⑥	1	2	<u>600</u>	⑦	7	7	<u>700</u>
7	1	⑨	<u>9</u>	8	④	8	<u>40</u>
⑧	3	4	<u>800</u>	7	⑧	4	<u>80</u>
5	①	2	<u>10</u>	9	6	①	<u>1</u>

Draw the missing minute hand. (6 marks)

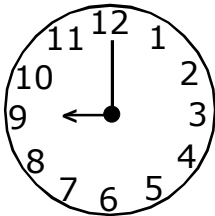
3 : 45



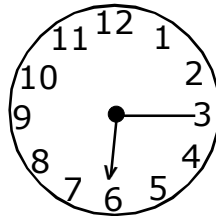
12 : 00



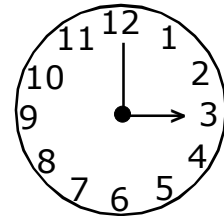
11 : 30



9 : 00



6 : 15



3 : 00

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

	Smallest	Largest
(1) 1, 3, 5, 9	<u>135</u>	<u>953</u>
(2) 7, 4, 3, 2	<u>234</u>	<u>743</u>
(3) 6, 8, 5, 3	<u>356</u>	<u>865</u>
(4) 3, 2, 8, 9	<u>238</u>	<u>983</u>
(5) 9, 0, 5, 3	<u>305</u>	<u>953</u>
(6) 6, 9, 8, 4	<u>468</u>	<u>986</u>
(7) 3, 2, 0, 1	<u>102</u>	<u>321</u>

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

$$14 + 3 - 4 = \underline{13}$$

$$7 \times 4 + 2 = \underline{30}$$

$$13 + 6 - 4 = \underline{15}$$

$$10 \times 6 + 4 = \underline{64}$$

$$3 \times 7 + 6 = \underline{27}$$

$$7 \times 10 - 3 = \underline{67}$$

$$9 - 3 + 2 = \underline{8}$$

$$3 + 7 - 4 = \underline{6}$$

$$7 - 6 + 3 = \underline{4}$$

$$8 + 8 - 3 = \underline{13}$$

$$8 \times 5 + 4 = \underline{44}$$

$$60 + 70 - 30 = \underline{100}$$

$$3 \times 6 - 10 = \underline{8}$$

$$35 - 5 + 6 = \underline{36}$$

$$9 - 8 + 20 = \underline{21}$$

$$8 + 7 - 4 = \underline{11}$$

$$8 - 3 + 1 = \underline{6}$$

$$4 \times 4 - 6 = \underline{10}$$

$$9 + 10 - 6 = \underline{13}$$

$$10 \times 8 - 6 = \underline{74}$$