

EXTRA REVISION SHEET

1) **Use the order of mathematical to evaluate each expression.**

a) $8 + 14 \times 25$

.....

b) $10 \div 2 + 5$

.....

c) $11 + 24 \div 6 - 2$

.....

d) $32.5 \times 10 + 257 \div 10$

.....

e) $412 - 25.3 \div 0.1$

.....

f) $100 + (32.5 + 4.12)$

.....

g) $55 \div 5 \times 10 - 10$

.....

h) $12 + 24 \div 4 + 8$

.....

i) $20 \times 4 \div (6 - 5)$

.....

2) Write the problem that matches the clues. Then evaluate the expression.

- a) Add 2.5 to 3.2 .Then multiply the result by 10
.....
- b) Divide 93 by 3 and then add 110.5.
.....
- c) Subtract 30 from 60 .Then divide the result by 5
.....
- d) Multiply 3.2 by 3 , then subtract 1 .
.....
- e) Multiply 45 by 4 finally add 100.
.....

3) Write the rule of each pattern, then complete:

- a) 2, 6, 18 ,, Rule:
- b) 10,20, 30 ,, Rule
- c) 5, 7, 9 ,, Rule
- d) 320 , 318 , 316 ,, Rule

4) Look at each table and determine the rule:

Input	Output
1	6
2	7
3	8

Rule:

Input	Output
5	1
10	2
15	3

Rule:

Input	Output
1	7
2	14
3	21

Rule:

Input	Output
3	18
4	24
5	30

Rule:

5) Find the quotient: (Without remainder)

a) $99 \div 0.4 = \dots\dots\dots$

b) $26.4 \div 2.2 = \dots\dots\dots$

c) $1.43 \div 0.05 = \dots\dots\dots$

d) $589.4 \div 30 = \dots\dots\dots$ (to the nearest tenth)

e) $62.24 \div 16 = \dots\dots\dots$

f) $1.155 \div 0.35 = \dots\dots\dots$

EXTRA REVISION SHEET (ANSWERS)

1) Use the order of mathematical to evaluate each expression.

a) $8 + 14 \times 25$

.....**358**.....

b) $10 \div 2 + 5$

.....**10**.....

c) $11 + 24 \div 6 - 2$

.....**13**.....

d) $32.5 \times 10 + 257 \div 10$

.....**350.7**.....

e) $412 - 25.3 \div 0.1$

.....**159**.....

f) $100 + (32.5 + 4.12)$

.....**136.62**.....

g) $55 \div 5 \times 10 - 10$

.....**100**.....

h) $12 + 24 \div 4 + 8$

.....**26**.....

i) $20 \times 4 \div (6 - 5)$

.....**80**.....

2) that matches the clues. Then evaluate the expression.

- a) Add 2.5 to 3.2 .Then multiply the result by 10
..... $(2.5 + 3.2) \times 10 = 57$
- b) Divide 93 by 3 and then add 110.5.
..... $93 \div 3 + 110.5 = 141.5$
- c) Subtract 30 from 60 .Then divide the result by 5
..... $(60 - 30) \div 5 = 6$
- d) Multiply 3.2 by 3 , then subtract 1 .
..... $3.2 \times 3 - 1 = 8.6$
- e) Multiply 45 by 4 finally add 100.
..... $(45 \times 4) + 100 = 280$

3) Write the rule of each pattern, then complete:

- a) 2, 6, 18 , ... 54, 162 .. Rule: $n \times 3$.
- b) 10,20, 30 , 40, ... 50 Rule ... $n+10$
- c) 5, 7, 9 , ... 11, 13 Rule ... $n+2$
- d) 320 , 318 , 316 , ... 314 ... ,... 312 ... Rule ... $n-2$

4) Look at each table and determine the rule:

Input	Output
1	6
2	7
3	8

Rule: $n+5$..

Input	Output
5	1
10	2
15	3

Rule: $\dots n \div 5$..

Input	Output
1	7
2	14
3	21

Rule: $\dots nx7$.

Input	Output
3	18
4	24
5	30

Rule: $nx6$..

5) Find the quotient:

a) $99 \div 0.4 = \dots 247.5 \dots$

b) $26.4 \div 2.2 = \dots 12 \dots$

c) $1.43 \div 0.05 = \dots 28.6 \dots$

d) $589.4 \div 30 = 19.64 \approx 19.6$ (To the nearest tenth)

e) $62.24 \div 16 = \dots 3.89 \dots$

f) $1.155 \div 0.35 = \dots 3.3 \dots$