

Year 5 Class 16 questions

Q1

Complete : $6 \times 4 = 3 \times \square$
8

Q2

Describe: **18, 22, 26, 30, 34, ...**

The pattern is by
increasing by 4
 increasing decreasing

Q3

Complete the pattern.

$1\frac{1}{2}$ 2 $2\frac{1}{2}$
3 $3\frac{1}{2}$ 4
 $3\frac{1}{4}$ $4\frac{1}{2}$ 3 4 $2\frac{3}{4}$ $3\frac{1}{2}$

Q4

Complete : $12 \times 5 = 3 \times \square$
20

Q5

Complete : $18 \times 5 = 3 \times \square$
30

Q6

Describe: **69, 60, 51, 42, 33, ...**

The pattern is by
decreasing by 9
 increasing decreasing

Q7

Describe: **111, 102, 93, 84, 75, ...**

The pattern is by
decreasing by 9
 increasing decreasing

Q8

Complete the pattern.

16.5	15	13.5	<input type="text"/>	10.5	<input type="text"/>
			12		9

Q9

Complete the pattern.

$7\frac{1}{2}$ 7 $6\frac{1}{2}$
6 $5\frac{1}{2}$ 5
 $4\frac{1}{2}$ $5\frac{1}{2}$ 7 6 $3\frac{1}{2}$ 5

Q10

Complete : $8 \times 6 = \square \times 12$
4

Q11

Complete : $9 \times 4 = \square \times 12$
3

Q12

Complete : $12 \times 7 = \square \times 21$
4

Q13Describe: **39, 89, 139, 189, 239, ...**

The pattern is by
increasing by 50
 increasing decreasing

Q14Describe: **178, 148, 118, 88, 58, ...**

The pattern is by
decreasing by 30
 increasing decreasing

Q15Describe: **246, 196, 146, 96, 46, ...**

The pattern is by
decreasing by 50
 increasing decreasing

Q16

Complete the pattern.

0.3	<input type="text"/>	<input type="text"/>	<input type="text"/>	1.9	2.3
	0.7	1.1	1.5		

Q17

Complete the pattern.

<input type="text"/>	2	<input type="text"/>	<input type="text"/>	3.5	4
1.5		2.5	3		

Q18

Complete the pattern.

6	$5\frac{3}{4}$	$5\frac{1}{2}$	<input type="text"/>	<input type="text"/>	<input type="text"/>
$4\frac{1}{4}$	5	$1\frac{1}{4}$	$5\frac{1}{4}$	5	7
			$5\frac{1}{4}$		$4\frac{3}{4}$

Q19Complete : $8 \times 3 = \frac{\square}{2} \times 12$ **Q20**Complete : $12 \times 5 = \frac{\square}{3} \times 20$ **Q21**Complete : $18 \times 5 = \frac{\square}{3} \times 30$ **Q22**Complete : $45 \times 3 = \frac{\square}{5} \times 27$ **Q23**Describe: **31, 50, 69, 88, 107, ...**

The pattern is by
increasing by 19
 increasing decreasing

Q24Describe: **44, 70, 96, 122, 148, ...**

The pattern is by
increasing by 26
 increasing decreasing

Q25

Describe: 172, 144, 116, 88, 60, ...

The pattern is by
decreasing by 28
increasing decreasing

Q26

Describe: 235, 197, 159, 121, 83, ...

The pattern is by
decreasing by 38
increasing decreasing

Q27

Cross out the number which does not belong in the pattern.

10 9.2 8.4 7.6 6.8 6 5.4 5.2

Q28

Cross out the number which does not belong in the pattern.

3 3.4 3.8 4.2 4.6 4.8 5 5.4

Q29

Cross out the number which does not belong in the pattern.

4.3 5.6 6.9 7.8 8.2 9.5 10.8 12.1

Q30

Cross out the number which does not belong in the pattern.

11 10.2 9.4 8.6 7.8 7 6.4 6.2