



INDIAN SCHOOL AL WADI AL KABIR
Class VI, Mathematics
RATIO AND PROPORTION - WORKSHEET- (MCQ)

Multiple Choice questions

Q1.	Which of the following arrangement of the numbers 3, 75, 4, 100 forms a proportion?							
	A	100,75,3,4	B	3,4,75,100	C	3,75,100,4	D	3,100,4,75
Q2.	The ratio of 2 days to 8 hours is:							
	A	4:1	B	1:4	C	6:1	D	1:6
Q3.	The product of extremes of 4:5 :: 16:20 is:							
	A	80	B	20	C	320	D	100
Q4.	Divide 30 roses between Surya and Preeti in the ratio 2: 3. Number of roses Surya gets:							
	A	21	B	18	C	12	D	81
Q5.	The cost of pencils is ₹144 per dozen and that of pens is ₹180 per dozen. The ratio of the price of a pencil to that of a pen is:							
	A	5: 4	B	4 : 5	C	3 : 5	D	4 :3
Q6.	The ratio of 90cm to 2.5m is:							
	A	5:18	B	25:9	C	9:25	D	18:5
Q7.	Raman can type 3200 words in one hour. How many words can he type in 18 minutes?							
	A	650	B	900	C	906	D	960
Q8.	If 27: x :: 63 : 84 , find the value of x.							
	A	27	B	36	C	12	D	9
Q9.	The cost of 15 articles is ₹360. The cost of 21 such articles is:							
	A	₹204	B	₹240	C	₹504	D	₹540

Q10.	A picture is 60 cm wide and 1.8 m long. The ratio of its width to its perimeter in lowest form is:							
	A	1: 2	B	1: 3	C	1: 4	D	1: 8

FILL IN THE BLANKS

Q11.	If two ratios are equal then they are in _____.
Q12.	The greatest ratio among the ratios of 2: 3, 5: 8 and 40: 25 is _____.
Q13.	If x and y shared ₹1100 in the ratio 1:10, then the share of 'y' is _____.
Q14.	The simplest form of 70 minutes: $1\frac{1}{2}$ hours is _____.
Q15.	If 2 dozen of oranges cost ₹360. The cost of 72 oranges is _____.

Q16. CASE STUDY:

A father and her daughter discussing about their present ages and their ages after few years and their ages before few years. They also discussed about grandma's age. Present age of father is 44 years and present age of daughter is 12 years. Using these situations and answer the following questions.



- a) Ratio of present age of father to the present age of daughter.
- b) Ratio of age of father to the age of daughter when father was 40 years old.
- c) Ratio of age of father to the present age of daughter after 5 years.
- d) If grandma's age is 64 years, find the ratio of present age of father to the present age of grandma.

ANSWERS

1.	B	2.	C	3.	A	4.	C
5.	B	6.	C	7.	D	8.	B
9.	C	10.	D	11.	Proportion	12.	40 : 25
13.	1000	14.	7: 9	15.	₹1080	16.	a) 11:3, b)5:1 c) 49:17 d)11:16