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NCERT SOLUTIONS CLASS-8 MATH CHAPTER-2 EXERCISE-2.4
Question 1:
solve x-3=6
Answer:
x-3=6
Transporting 3 to the right hand side(R.H.S) We get
X=6+3=9
Question 2:
solve : y+4=9
Answer:
Transporting 4 to R.H.S we obtain
Y=9-4=5
Question 3:
Question 3: solve: 7=z+3 Answer: Bring 3 to I. H.S. we obtain
Answer:
Bring 3 to L.H.S ,we obtain
7-3=z
Z=4
Question 4:
Solve : $rac{3}{8}+x=rac{19}{6}$
Answer:

$$\frac{3}{8} + x = \frac{19}{6}$$

Bring $\frac{3}{8}$ to the R.H.S ,we obtain

$$X = \frac{19}{6} - \frac{3}{8}$$

$$X = \frac{23}{8}$$

Question 5:

Solve 3x=6

Answer:

$$\frac{3x}{3} = \frac{6}{3}$$

Question 6:

Solve : $\frac{t}{2}=5$

Answer:

$$\frac{t}{2} = 5$$

Multiplying both side by 2, we get

$$\tfrac{t}{2}*2=5*2$$

Question 7:

Solve:

$$\frac{2x}{5} = 16$$

Multiply both sides by $\frac{5}{2}$, we obtain **Clfelement** $\frac{5}{2}*\frac{2x}{5}=16*\frac{5}{2}$

$$\frac{5}{2} * \frac{2x}{5} = 16 * \frac{5}{2}$$

Question 8:

Solve : 1.4= $\frac{y}{1.2}$

Solutions:

$$\frac{y}{1.2}$$

Multiply both side by 1.2, we obtain

$$1.4*1.2 = \frac{y}{1.2} * 1.2$$

Question 9:

Solve: 5x-3=15

Bring 3 to R.H.S, we obtain

5x=15+3

$$X = \frac{12}{5}$$

Question 10:

solve 12y-6=7

Answer

12y-6=7

Bring 6 to RHS ,We get

12y=7+6

12y=13

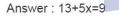
Divide both side by 12

$$\frac{12y}{12} = \frac{13}{12}$$

$$Y = \frac{13}{12}$$

Question 11:

Solve 13+5x=9





pdfelement

5x=9-13

5x = -4

Divide 5 by both side we obtain

$$\frac{5x}{5} = \frac{-4}{5}$$

$$X = \frac{-4}{5}$$

Question 12:

Solve:
$$rac{x}{4}+1=rac{6}{15}$$

Answer:

$$\frac{x}{4} + 1 = \frac{6}{15}$$

Changing 1 to the RHS, we get

$$\frac{x}{4} = \frac{6}{15} - 1$$
 $\frac{x}{4} = \frac{6 - 15}{15}$ $\frac{x}{4} = \frac{-9}{15}$

Multiply either side by 4 we get

 $\frac{x*4}{4} = \frac{-9*4}{15}$

 $X = \frac{12}{5}$

