

CLASS:-VII

SUBJECT:MATHEMATICS (041)

Assignment

Ch-4 Simple Equations + Ch -5 Lines and Angles

Session -2023-24

Hints and Solutions

MCQ

Q1. a) $2x+6=10$

Q2. a) -4

Q3. c) Both angles are always same.

Assertion -Reasoning

Q4. b) Both Assertion and Reason are correct and reason is not the correct explanation for Assertion.

SUBJECTIVE QUESTIONS

Q5. Assume integers as $x, x+1$ and $x+2$

Thus, $x + x+1 + x+2 = 204$

$x = 67$

$x+1=68$

$x+2=69$

Q6.a) $x + x - 10^\circ = 180^\circ$

$x = 95^\circ$

$x - 10^\circ = 85^\circ$

b) $2x + 3x = 90^\circ$

Q7. Let the father's age be x year

$\frac{x}{2} - 3 = 22$

Thus, Father's age is 50 years.

Q8.a) Let the number of boys be y

$y + \frac{2}{5}y = 49$

b) 35

c) 14