

a) 2, 5, 6, 2, 8, 7, 5, 5, 9

b) 12, 35, 15, 30, 40, 42, 25, 30, 36

32. Define the following terms.

a) Chance b) Certain event c) Impossible event d) Equally likely events

.e) Likely event f) Unlikely event g) Unlikely event h) Probability

33. Imagine a die with the numbers 1, 2, 3, 4, 5 and 6 on its faces.

a) List all equally likely outcomes.

b) What is the probability of getting a even number when it is rolled.

c) What is the probability of getting a number less than 5 when it is rolled.

d) What is the probability of getting a whole number when it is rolled.

34. Draw double bar graph for the data.

Subjects	Term 1	Term 2
Science	70	75
Maths	60	78
Social	80	85
English	82	73
Hindi	90	88

35. Solve the following equations by performing same operations on both sides.

a) $2x + 8 = 18$ b) $\frac{y}{4} + 8 = 32$

36. Solve by transposing method.

a) $5y - 25 = 80$. b) $\frac{3x}{8} = 6$

37. Six less than four times a number is 5. What is the number.

38. Rahul's mothers age is 5 years less than four times his age. What is his age if his mother is 35 years old.

39. Solve $9x - 14 = 7x$

40. Identify the types of angles formed with the given measures.

a) 25° b) 90° c) 145° d) 180° e) 250° f) 360°

41. Define the following terms.

a) Complementary angles

b) Supplementary angles

c) Linear pair

d) Vertically opposite angles.

42. Find the supplement of the following angles.

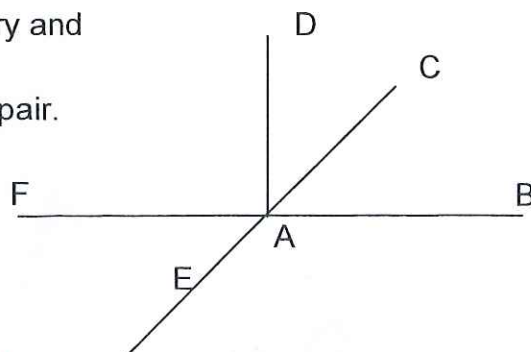
a) 75° b) 126° c) 90°

43. Find the complement of the following angles.

a) 26° b) 45° c) 65°

44. Name a pair of adjacent, complementary and Supplementary angles in the given figure.

Also write which angles constitute a linear pair.



45. Four angles are formed by two intersecting lines. what is the measure of the fourth angle if the measure of three angles are:

- a) 70° , 120° , 60° b) 56° , 78° , 130°

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