

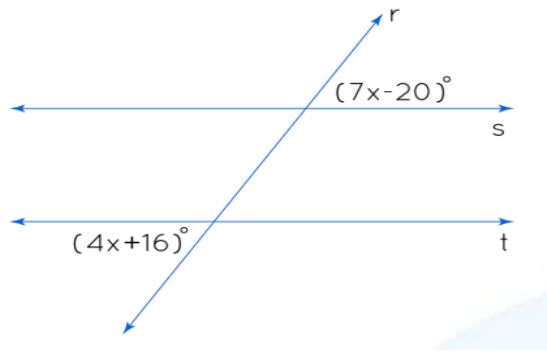
Class Test on Lines and angles (Class – 7)

Full marks: 12

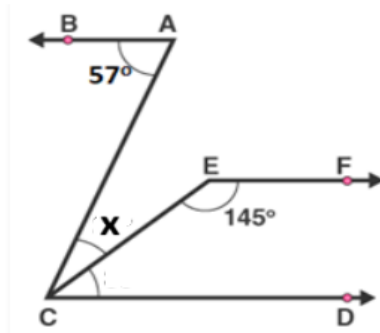
Answer the following questions.

2x4=8

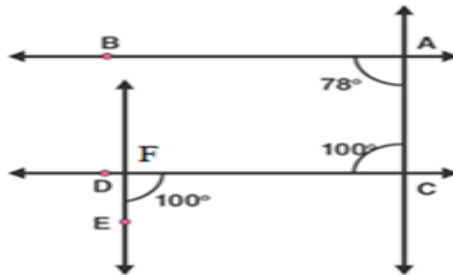
- 1) Two complementary angles are such that the measure of one is twice the measure of other. Find the angles.
- 2) In the given figure s and t are parallel lines and r is the transversal. Find the value of x .



- 3) In the given figure $AB \parallel EF \parallel CD$. Find the value of x .



- 4) In the given figure, state which lines are parallel and why?



Choose the correct option:

1x4=4

- 5) Two angles forming a linear pair are
(a) equal (b) supplementary (c) unequal (d) complementary
- 6) If two parallel lines are cut by a transversal, each pair of the corresponding angles are _____ in measure.
(a) equal (b) unequal (c) supplementary (d) complementary
- 7) Angles which are both supplementary and vertically opposite are
(a) 95° , 85° (b) 90° , 90° (c) 100° , 80° (d) 45° , 45°
- 8) If two supplementary angles are in the ratio 1 : 2, then the bigger angle is
(a) 120° (b) 125° (c) 110° (d) 90°
