

Constructions Bell work

Choose the correct answer.

1. What are the two congruent angles if EF ray is bisector of angle ABC -

- (a) Angle FEC \cong Angle ABC
- (b) Angle FEC \cong Angle AEF
- (c) Angle ABF \cong Angle CEF
- (d) Angle AEF \cong Angle CFE

2. What are the two congruent segments, if PQ line is the perpendicular bisector of \overline{CD} at point X?

- (a) $\overline{CX} \cong \overline{XD}$
- (b) $\overline{QC} \cong \overline{QD}$
- (c) $\overline{PX} \cong \overline{XQ}$
- (d) $\overline{CP} \cong \overline{PD}$

3. The first step to construct a \overline{LM} congruent to \overline{EF} is-

- (a) Put the point of compass on point E.
- (b) Measure the length of \overline{EF} .
- (c) Construct a ray with endpoint M.
- (d) None of these.

4. The bisector of angle ABC is ray PQ. If the measure of angle ABQ is 45° , the measure of angle ABC is-

- (a) 45°
- (b) 90°
- (c) 135°
- (d) 30°

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