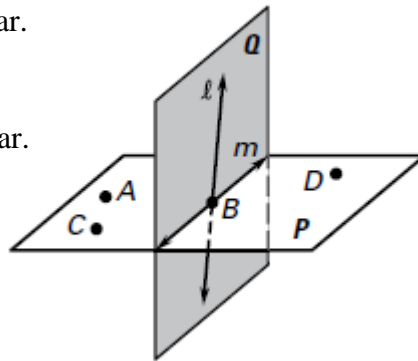


Assignment 13 Quiz Lesson 2.4 thru 2.5

For use after the lessons "Use Postulates and Diagrams" and "Reason Using Properties from Algebra"

Use the diagram to determine if the statement is *true* or *false*.

1. Points *A*, *C*, and *D* are coplanar.
2. Point *D* is on line *m*.
3. Points *B*, *C*, and *D* are collinear.



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Solve the equation. Write a reason for each step.

4. $x + 25 = 45$

Original equation

5. $6x - 15 = 17 - 2x$

Original equation

7. _____
- _____
- _____
- _____

Use the property to copy and complete the statement.

6. Addition Property of Equality:

If $AB = CD$, then $?_ + EF = ?_ + EF$.

7. Symmetric Property of Equality:

For any real numbers a and b , if $a = b$, then $?_ = ?_$.