

Name: _____
Date: _____
Class: _____

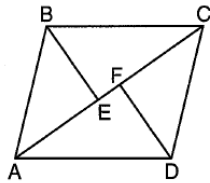
Geometry
Review
Graded Homework 26

Show all of your work for every problem. The numbers in the brackets are the points that each problem is worth. Multiple Choice Problems are worth 3.
NO WORK = ZERO CREDIT

- 1) Given $\triangle ABC \cong \triangle DEF$, which statement is *not* always true?
- (1) $\overline{BC} \cong \overline{DF}$
 - (2) $m\angle A = m\angle D$
 - (3) area of $\triangle ABC =$ area of $\triangle DEF$
 - (4) perimeter of $\triangle ABC =$ perimeter of $\triangle DEF$

Explain why you picked the answer that you picked.

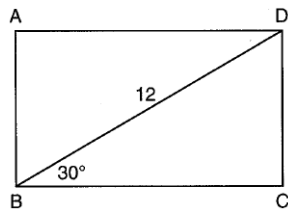
- 2) In the diagram below, if $\triangle ABE \cong \triangle CDF$ and \overline{AEFC} is drawn, then it could be proven that quadrilateral $ABCD$ is a



- (1) square
- (2) rhombus
- (3) rectangle
- (4) parallelogram

Explain why you picked the answer that you picked

- 3) [4] The diagram shows rectangle $ABCD$, with diagonal \overline{BD} .



What is the perimeter of rectangle $ABCD$, to the *nearest tenth*?

- 4) A parallelogram is always a rectangle if
- (1) the diagonals are congruent
 - (2) the diagonals bisect each other
 - (3) the diagonals intersect at right angles
 - (4) the opposite angles are congruent

Explain why you picked the answer that you picked

