1.4 Perimeter and Area Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the diagram at the right to find each of the following:

1. AB
2. Perimeter of Triangle CED
3. Midpoint of Segment AE
4. Area of rectangle BCEF
5. FD
6. Midpoint of Segment CD
7. If C is the midpoint of Segment JE, find the coordinates of point J.

NOTES –

|  |  |
| --- | --- |
| **NUMBER OF SIDES** | **TYPE OF POLYGON** |
|   |   |
| 3 |   |
| 4 |   |
| 5 |   |
| 6 |   |
| 7 |   |
| 8 |   |
| 9 |   |
| 10 |   |
| 12 |   |
| *n* |   |

Example 1:

Find the perimeter of a square whose area is 40 square cm.

Example 2:

Find the area and perimeter of the right triangle: