

Master Maths 8 Worksheet 57

Quadrilaterals

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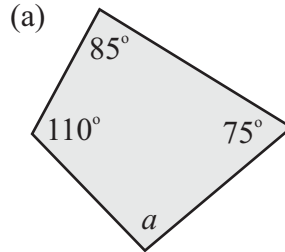
Name: _____

1. Match the following descriptions with the shape names below.
Under each name sketch its shape.

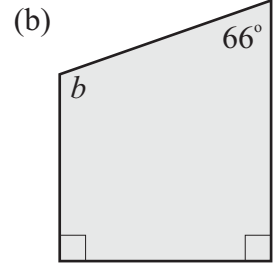
- A** All sides are of equal length.
Opposite angles are equal but not 90° .
- B** There are two pairs of parallel sides. Angles are not 90° .
- C** All sides are equal.
All angles are 90° .
- D** There is one pair of parallel sides of different length.
- E** All sides are of different length.
- F** There are two pairs of parallel sides of different length.
All angles are right angles.

Rectangle <input style="float: right; margin-left: 20px;" type="checkbox"/>	Square <input style="float: right; margin-left: 20px;" type="checkbox"/>
Trapezium <input style="float: right; margin-left: 20px;" type="checkbox"/>	Parallelogram <input style="float: right; margin-left: 20px;" type="checkbox"/>
Irregular quadrilateral <input style="float: right; margin-left: 20px;" type="checkbox"/>	Rhombus <input style="float: right; margin-left: 20px;" type="checkbox"/>

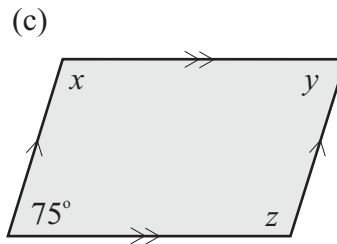
2. Calculate the unknown angles in the following quadrilaterals.



$a =$



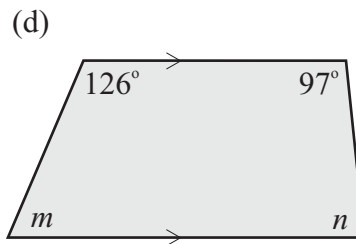
$b =$



$x =$

$y =$

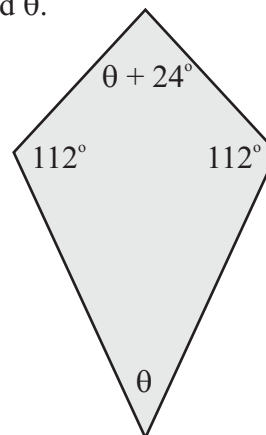
$z =$



$m =$

$n =$

3. Find θ .



$\theta =$