Name: _____ Date: _____

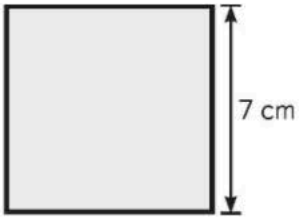
Chapter

8 ADDITIONAL PRACTICE AREA AND PERIMETER

Exercise 8A Rectangles and Squares (1)

1. Find the area and perimeter of the squares.

(a)



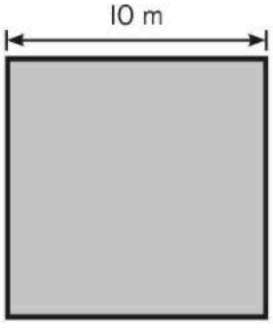
Area of the square = _____ × _____

= _____ cm^2

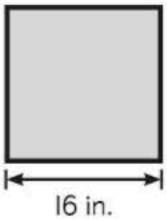
Perimeter of the square = _____ × _____

= _____ cm

(b)

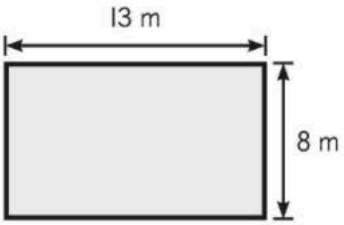


(c)



2. Find the area and perimeter of the rectangles.

(a)



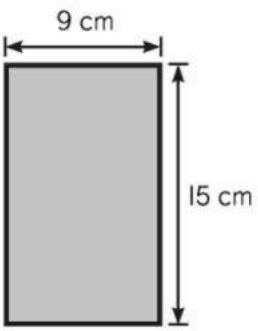
Area of the rectangle = _____ × _____

= _____ m^2

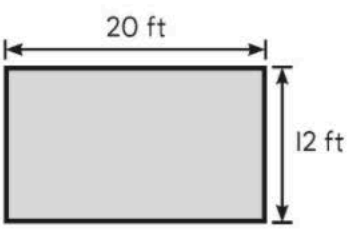
Perimeter of the rectangle = 2 × (_____ + _____)

= _____ m

(b)



(c)



3. The width of a queen-size mattress is 60 inches. Its length is 80 inches. Find the area and perimeter of the mattress.

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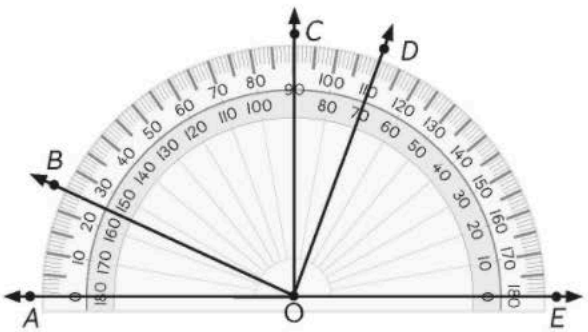
Chapter Practice

1. Which angle has a measure of 65°?



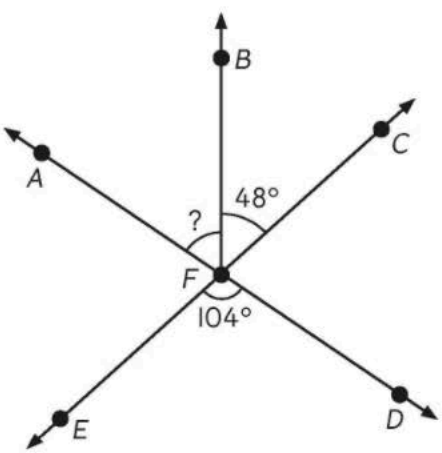
(A) ∠*EOD*

(B) ∠*BOC*

(C) ∠*AOD*

(D) ∠*BOD*

2. *AFD* and *CFE* are straight angles. Find the measure of angle *AFB*.



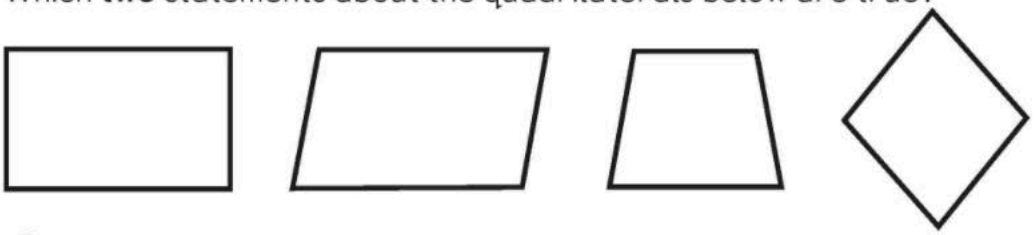
(A) 56°

(B) 76°

(C) 132°

(D) 152°

3. Which **two** statements about the quadrilaterals below are true?



(A) A rectangle has only I pair of equal and parallel sides.

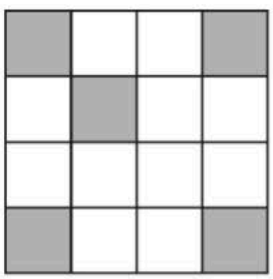
(B) A parallelogram has 2 pairs of equal and parallel sides.

(C) A trapezoid has 2 pairs of parallel sides.

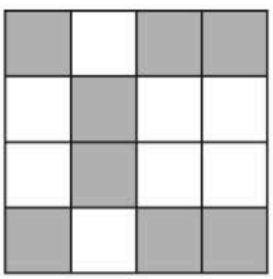
(D) A rhombus has 2 pairs of parallel sides.

4. Which of the following **does not** have a line of symmetry?

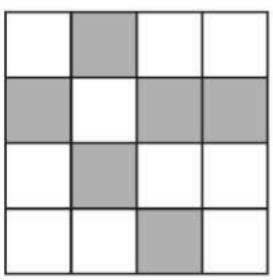
(A)



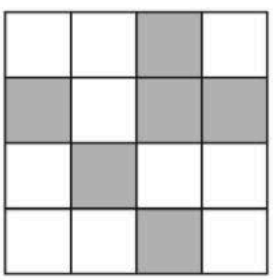
(B)



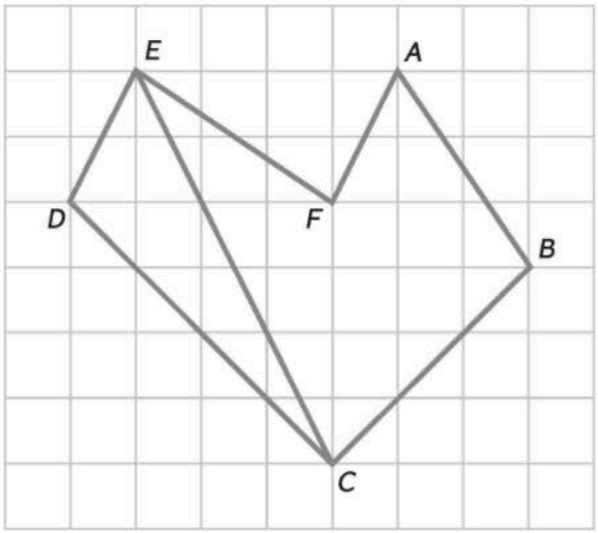
(C)



(D)



5. Select the correct pair of parallel and perpendicular line segments.



	Parallel line segments	Perpendicular line segments
(A)	$\overline{EF}$ and $\overline{DC}$	$\overline{AB}$ and $\overline{BC}$
(B)	$\overline{AB}$ and $\overline{DC}$	$\overline{AF}$ and $\overline{EF}$
(C)	$\overline{AF}$ and $\overline{BC}$	$\overline{DE}$ and $\overline{EF}$
(D)	$\overline{AF}$ and $\overline{ED}$	$\overline{BC}$ and $\overline{CD}$

6. Draw angle PQR equal to 116°.