



Area & Perimeter Task Cards

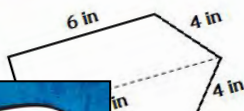
Triangles, Quadrilaterals, and Irregular Polygons

Laura Candler

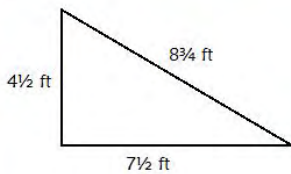
17

Garden in the shape of a right triangle with leg lengths of 3 ft and 4 ft. What is the area of the garden?

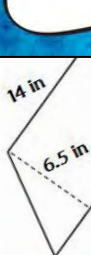
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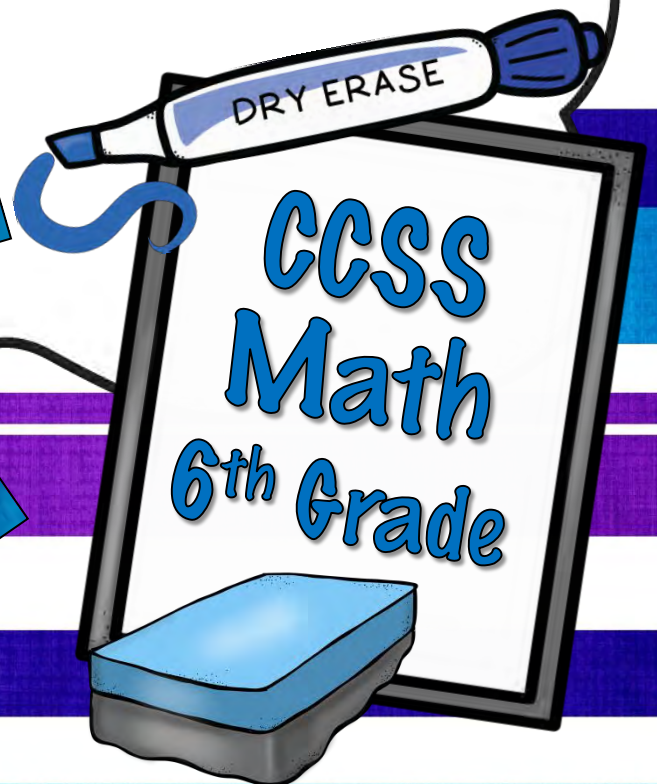
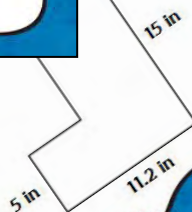
9



16



18



Area & Perimeter Task Cards

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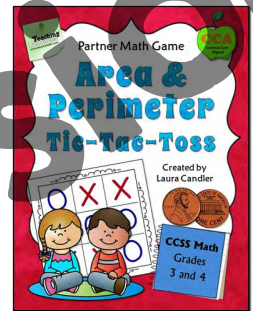
Active Engagement Skill Review Task Cards

Includes

- Triangles
- Quadrilaterals
- Irregular Polygons
- Word problems



Area & Perimeter Task Cards includes 30 unique task cards that include a variety of polygons including triangles, quadrilaterals, and irregular polygons that can be divided into triangles and rectangles. Polygon dimensions include whole numbers, decimals, and fractions, and the task cards include both customary and metric measurements. The packet also includes two types of recording forms, and answers that can be printed on the backs of the cards. The materials are available in both black and white and color. These cards can be used with a variety of active engagement learning games for partners or teams, in math centers, or even with a whole-class review. These Area and Perimeter Task Cards work well with the partner game, **Area & Perimeter Tic-Tac-Toss**, which is available from my TpT store.



Common Core Standard Addressed: Math 6.G.A.1

The task cards in this set can be used to support the following 6th grade math standard: “Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.” Although perimeter is not mentioned in the 6th grade standards, the answer key does include both the area and the perimeter of each polygon. However, you can ask students to disregard the perimeter answers if you only want to review area.

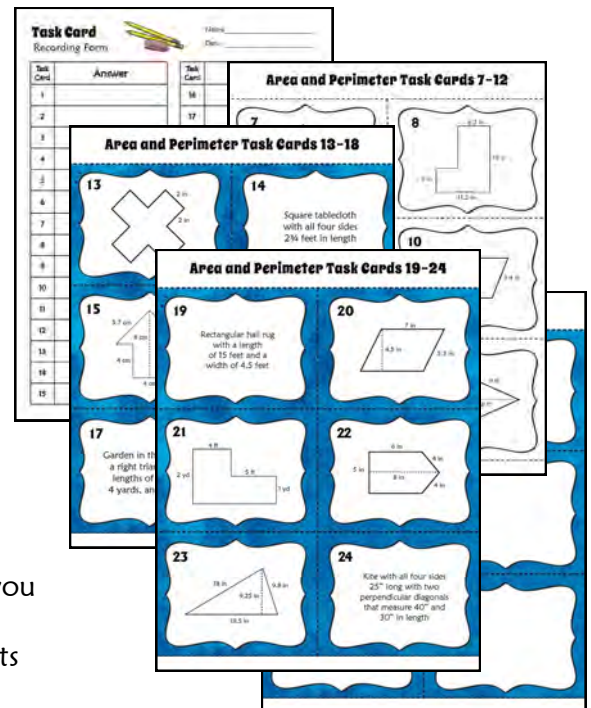
What's Included:

- Polygon Task Cards (30 color and 30 B&W)
- 30 Answer Cards
- One Page Answer Key
- 2 Types of Recording Forms
- Blank Task Cards
- Task Card Set Covers



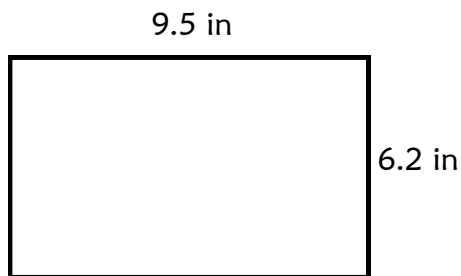
Preparing the Cards

Print the task cards on sturdy cardstock or construction paper. If you want answers on the backs of the cards, print the answer card pages on the backs of the task card pages before laminating them. If aligned properly, the answer for each card will appear on the reverse side. Cut the cards apart and store each set in a plastic zippered bag. If you would like to prepare a cover card for each set, cut out and laminate the cover cards provided in this packet. When students bag up the cards, ask them to put the cover on top.

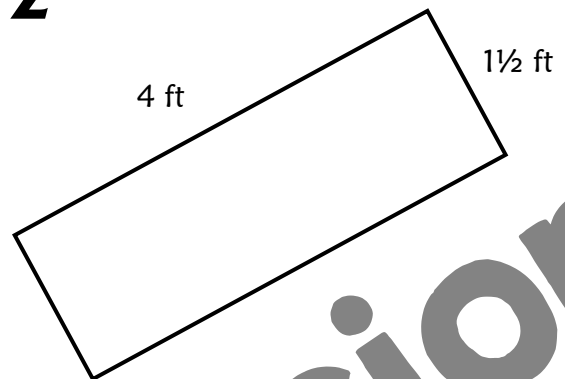


Area & Perimeter Task Cards 1-6

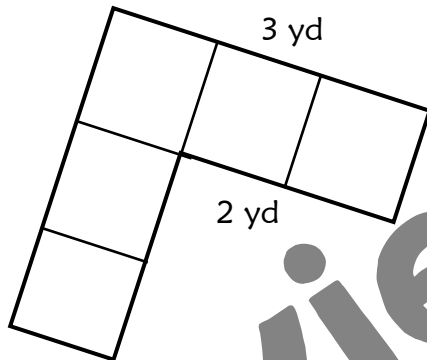
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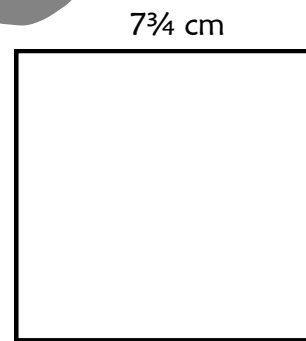
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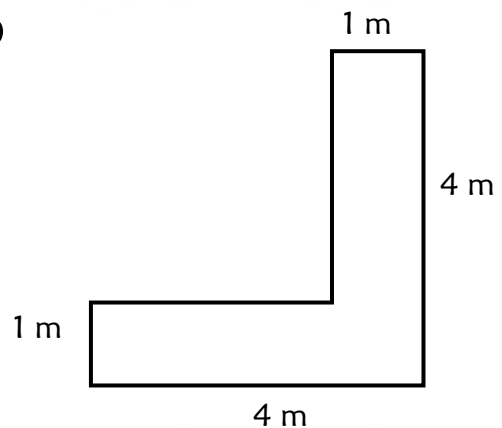
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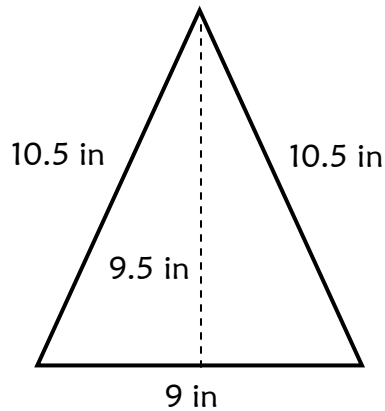
Square sandbox that measures 4.5 feet long on all sides

6

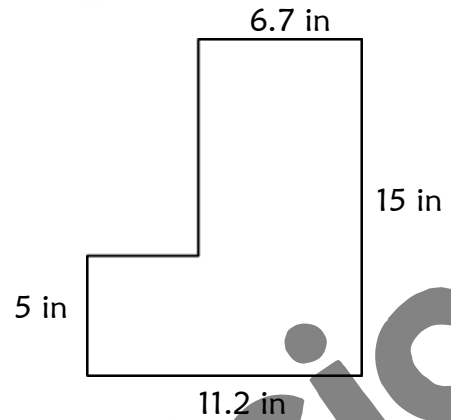


Area & Perimeter Task Cards 7-12

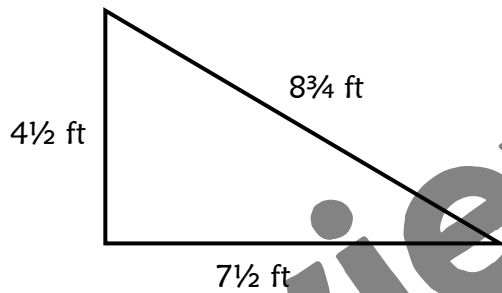
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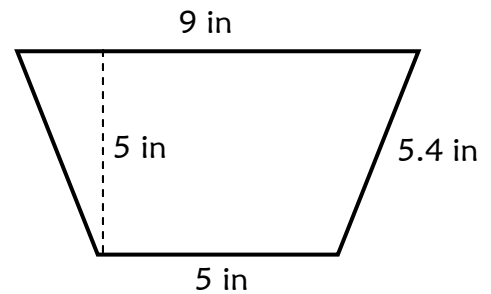
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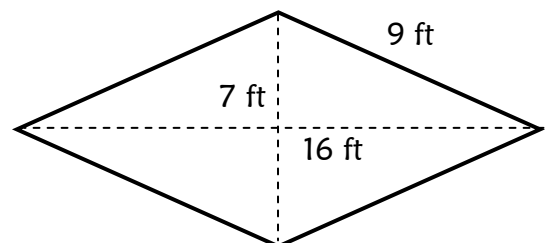
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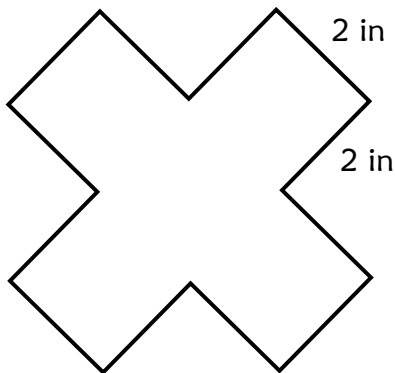
Classroom rug with the dimensions of 12 1/2 feet long by 10 1/2 feet wide

12



Area & Perimeter Task Cards 13-18

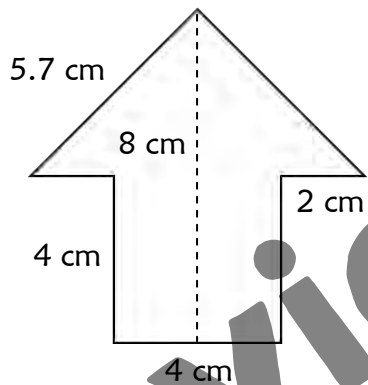
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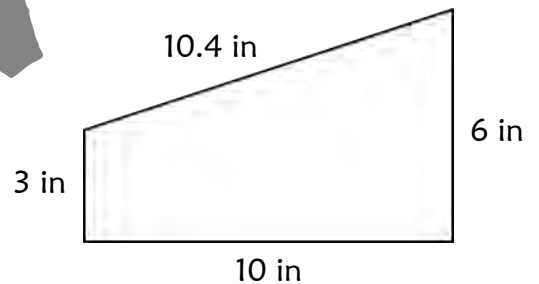
14

Square tablecloth
with all four sides
 $2\frac{3}{4}$ feet in length

15



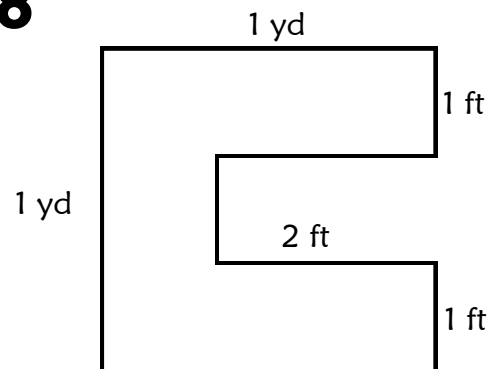
16



17

Garden in the shape of
a right triangle with
lengths of 3 yards,
4 yards, and 5 yards

18

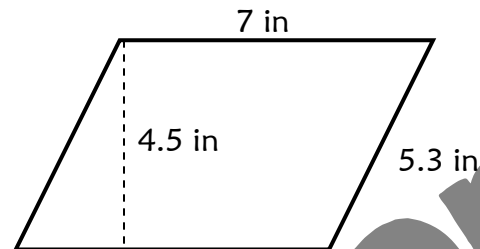


Area & Perimeter Task Cards 19-24

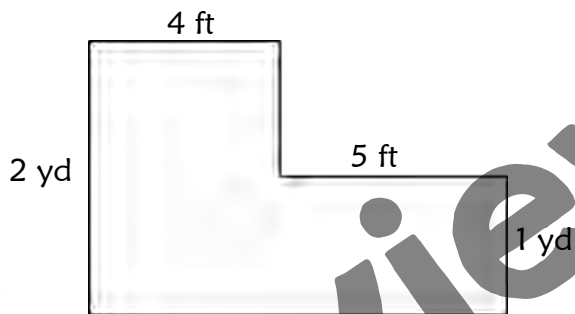
19

Rectangular hall rug
with a length
of 15 feet and a
width of 4.5 feet

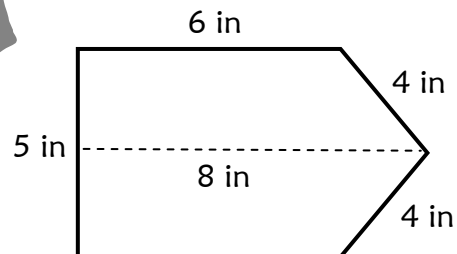
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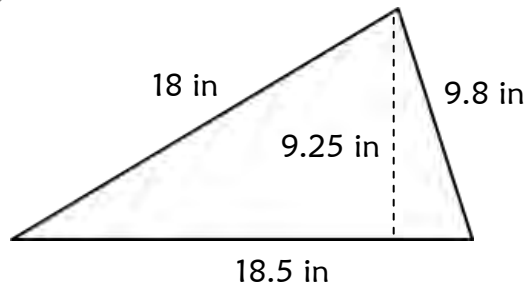
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22



23

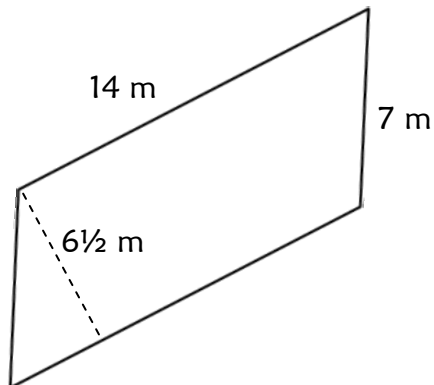


24

Kite with all four sides
25" long with two
perpendicular diagonals
that measure 40" and
30" in length

Area & Perimeter Task Cards 25-30

25



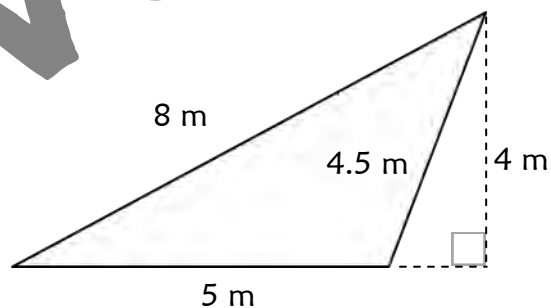
26

Square sheet of wrapping paper measuring $37\frac{3}{4}$ cm on all four sides

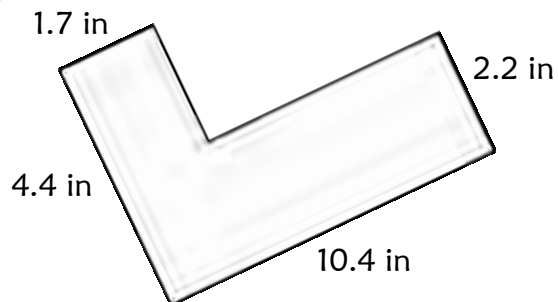
27

Rectangular bathroom floor covered in 12" square tiles, with 4 rows of tiles and 5 tiles in each row

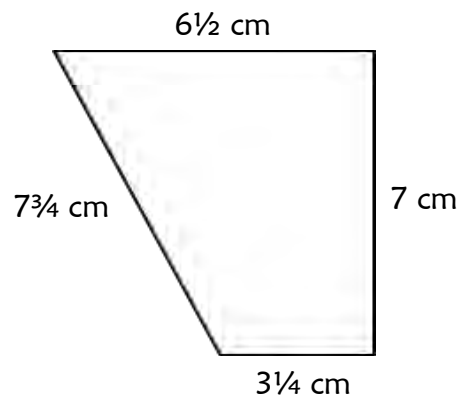
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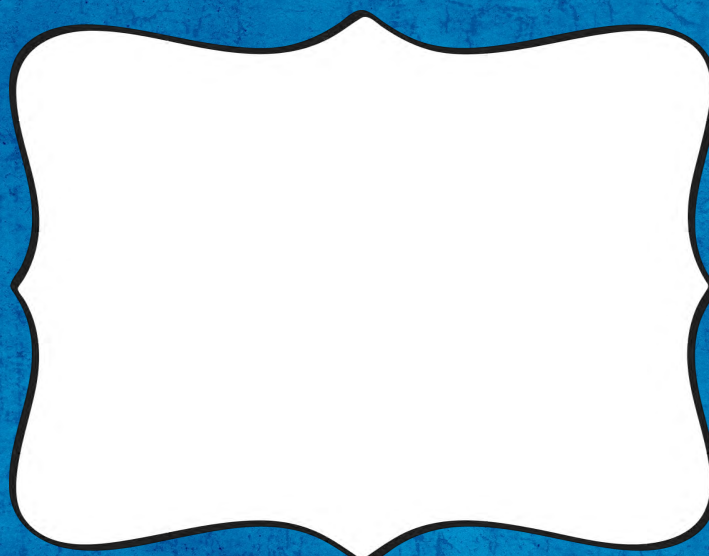
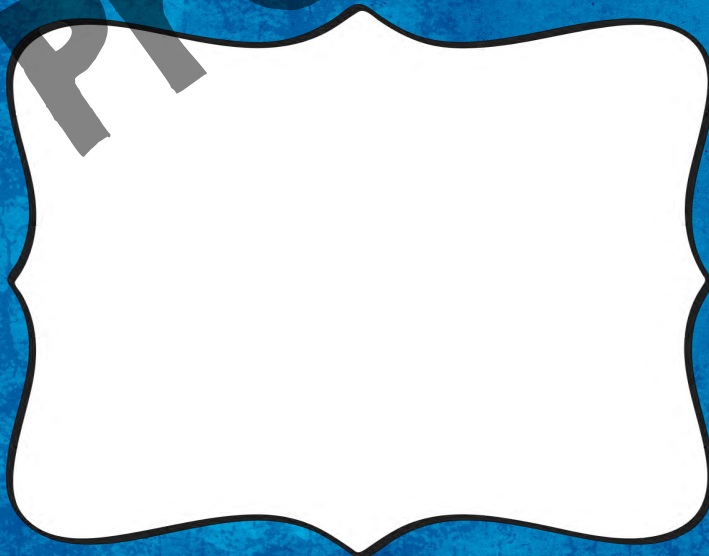
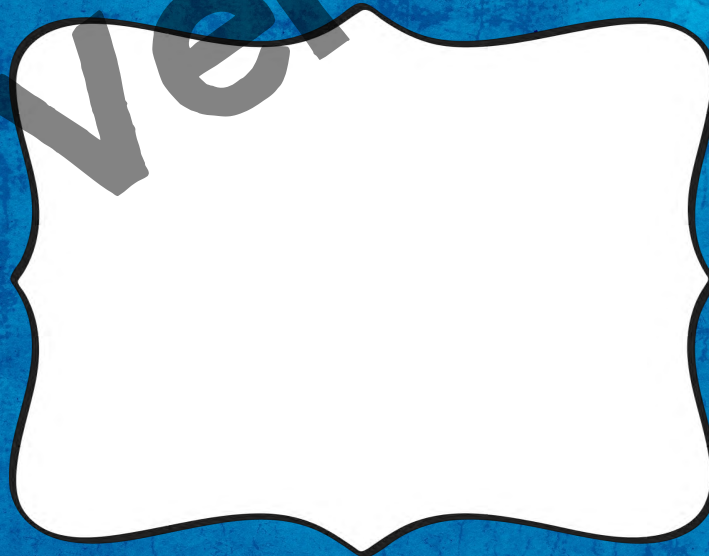
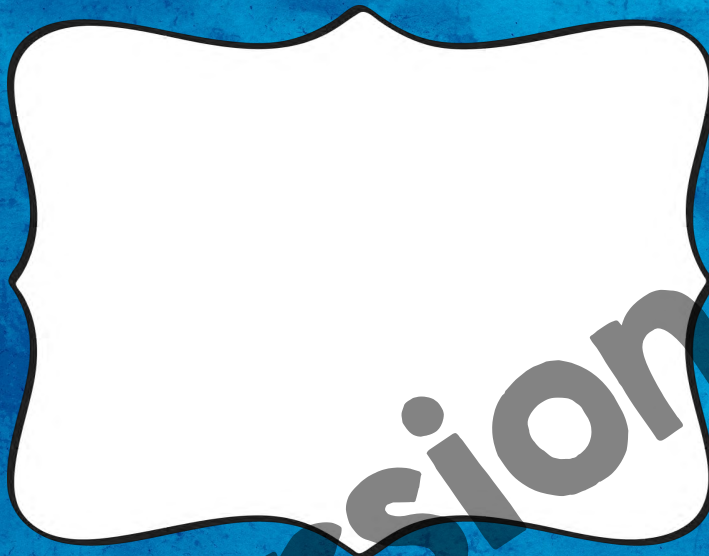
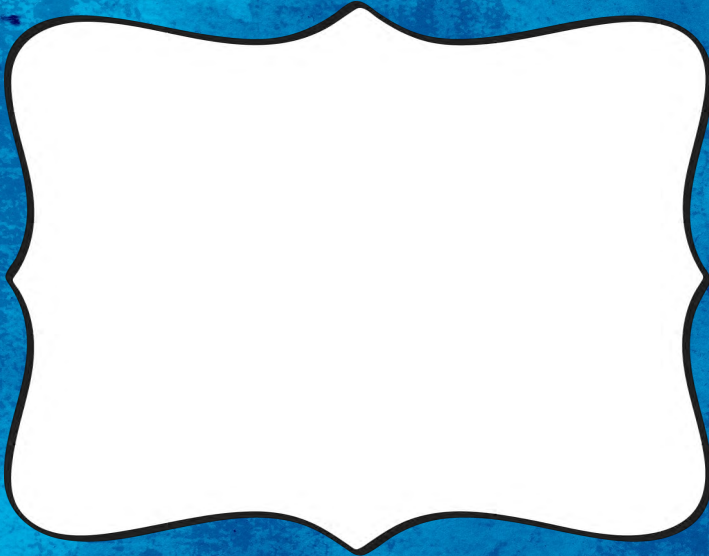
29



30



Area & Perimeter Task Cards



Area & Perimeter Task Card Covers

Area & Perimeter Task Cards

by Laura Candler

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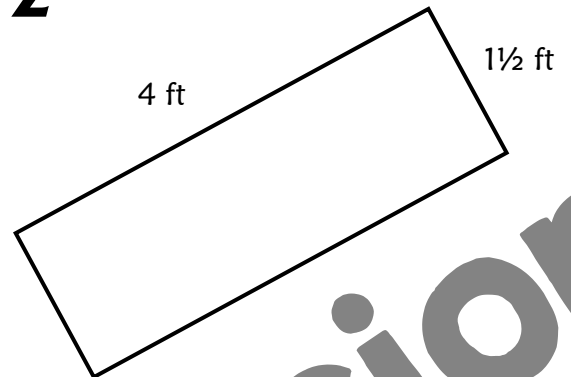
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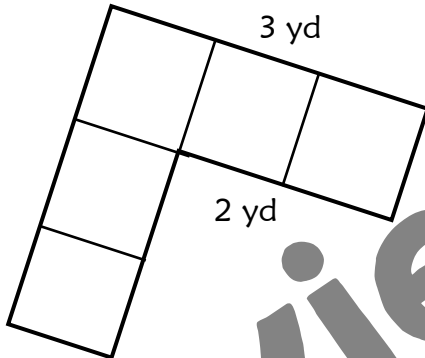
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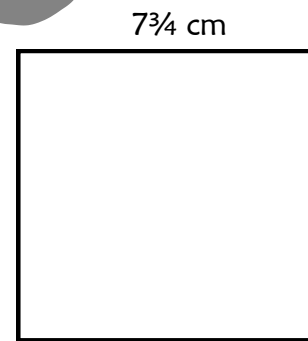
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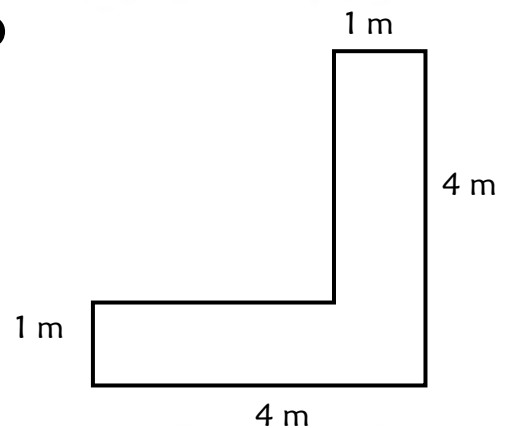
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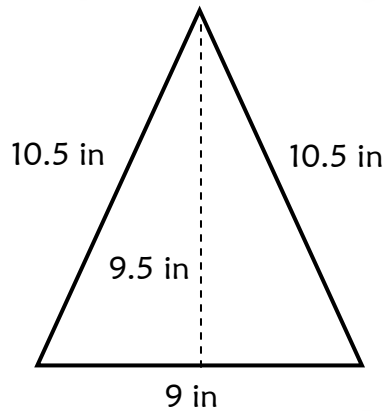
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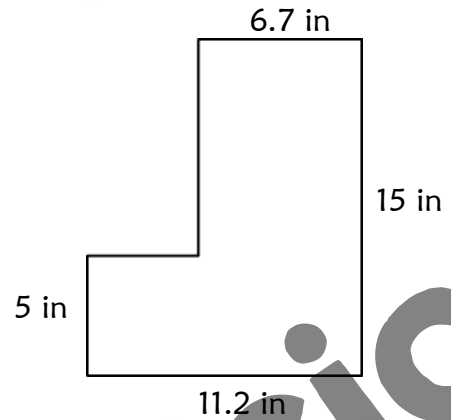


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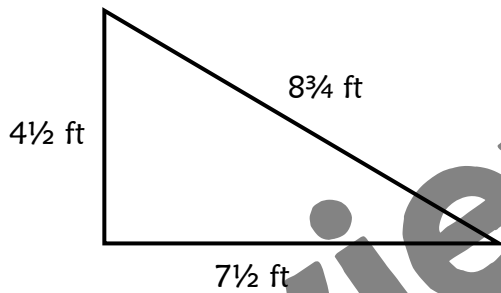
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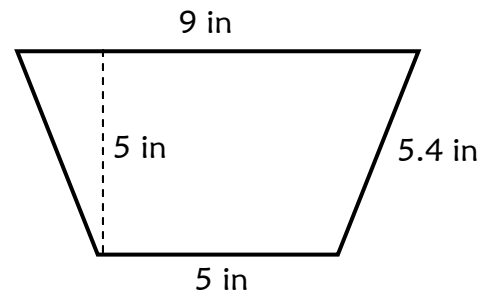
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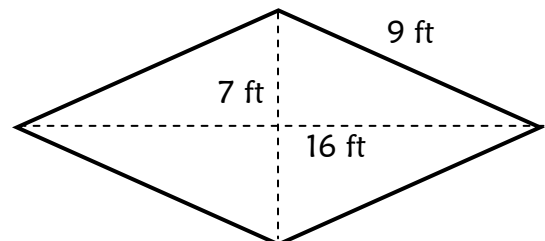
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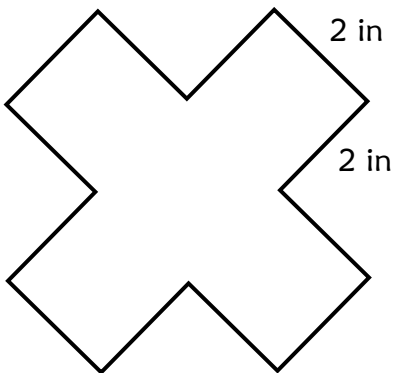
Classroom rug with the dimensions of 12 1/2 feet long by 10 1/2 feet wide

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Area & Perimeter Task Cards 13-18

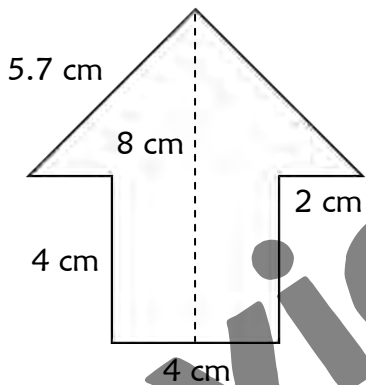
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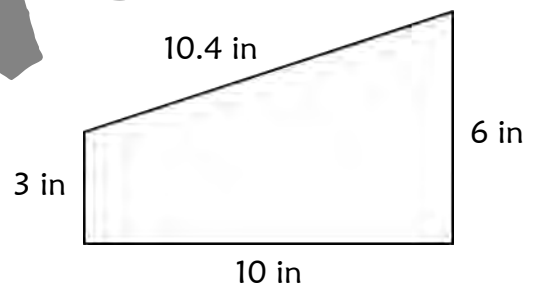
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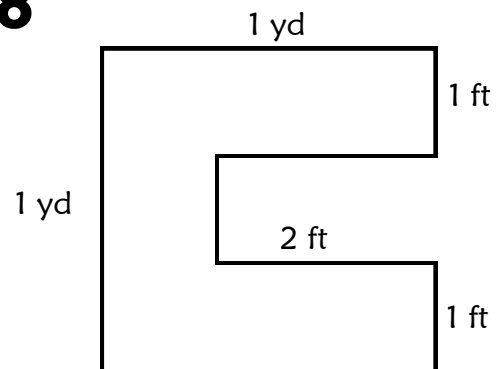
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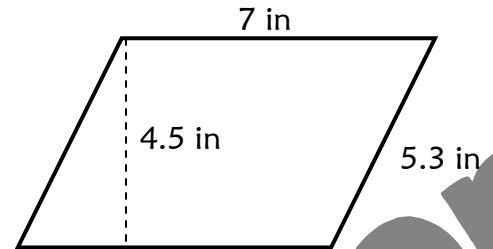


Area & Perimeter Task Cards 19-24

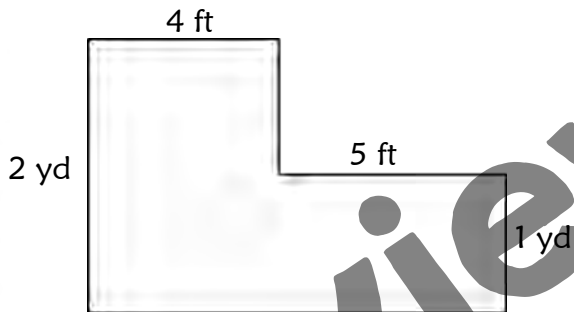
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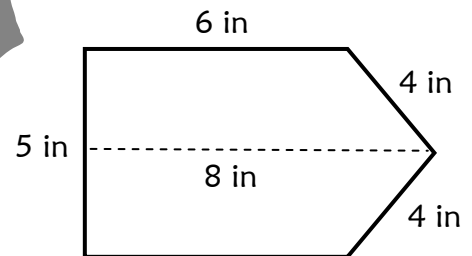
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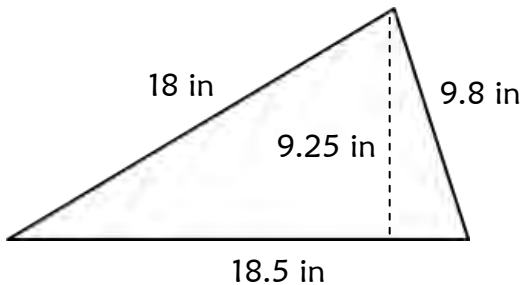
21



22



23

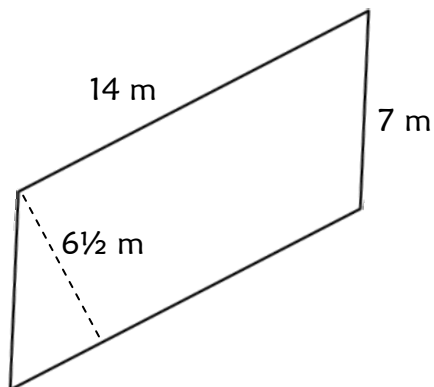


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Kite with all four sides
25" long with two
perpendicular diagonals
that measure 40" and
30" in length

Area & Perimeter Task Cards 25-30

25



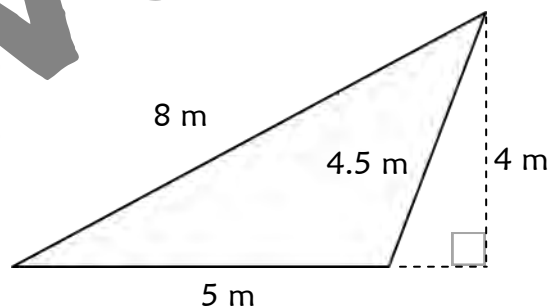
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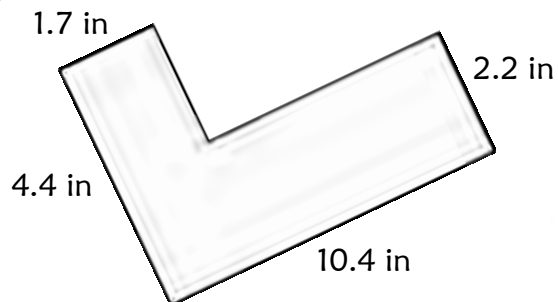
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Rectangular bathroom floor covered in 12" square tiles, with 4 rows of tiles and 5 tiles in each row

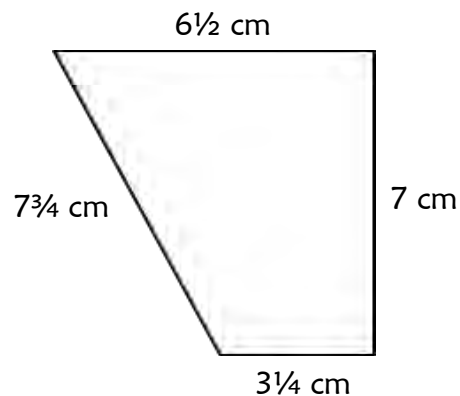
28



29



30



Area & Perimeter Answers (1-6)

Answers will be in correct locations when page is printed on back of task cards.

#2

$$P = 11 \text{ ft}$$
$$A = 6 \text{ ft}^2$$

#1

$$P = 31.4 \text{ in}$$
$$A = 58.9 \text{ in}^2$$

#4

$$P = 31 \text{ cm}$$
$$A = 60\frac{1}{16} \text{ cm}^2$$

#3

$$P = 12 \text{ yd}$$
$$A = 5 \text{ yd}^2$$

#6

$$P = 16 \text{ m}$$
$$A = 7 \text{ m}^2$$

#5

$$P = 18 \text{ ft}$$
$$A = 20.25 \text{ ft}^2$$

Area & Perimeter Answers (7-12)

Answers will be in correct locations when page is printed on back of task cards.

#8

$$P = 52.4 \text{ in}$$
$$A = 123 \text{ in}^2$$

#7

$$P = 30 \text{ in}$$
$$A = 42.75 \text{ in}^2$$

#10

$$P = 24.8 \text{ in}$$
$$A = 35 \text{ in}^2$$

#9

$$P = 20\frac{3}{4} \text{ ft}$$
$$A = 16\frac{7}{8} \text{ ft}^2$$

#12

$$P = 36 \text{ ft}$$
$$A = 56 \text{ ft}^2$$

#11

$$P = 46 \text{ ft}$$
$$A = 131\frac{1}{4} \text{ ft}^2$$

Area & Perimeter Answers (13-18)

Answers will be in correct locations when page is printed on back of task cards.

#14

$$P = 11 \text{ ft}$$
$$A = 7\frac{9}{16} \text{ ft}^2$$

#13

$$P = 24 \text{ in}$$
$$A = 20 \text{ in}^2$$

#16

$$P = 29.4 \text{ in}$$
$$A = 45 \text{ in}^2$$

#15

$$P = 27.4 \text{ cm}$$
$$A = 32 \text{ cm}^2$$

#18

$$P = 16 \text{ ft}$$
$$A = 7 \text{ ft}^2$$

#17

$$P = 12 \text{ yd}$$
$$A = 6 \text{ yd}^2$$

Area & Perimeter Answers (19-24)

Answers will be in correct locations when page is printed on back of task cards.

#20

$$P = 24.6 \text{ in}$$
$$A = 31.5 \text{ in}^2$$

#19

$$P = 39 \text{ ft}$$
$$A = 67.5 \text{ ft}^2$$

#22

$$P = 25 \text{ in}$$
$$A = 35 \text{ in}^2$$

#21

$$P = 30 \text{ ft}$$
$$A = 39 \text{ ft}^2$$

#24

$$P = 100 \text{ in}$$
$$A = 600 \text{ in}^2$$

#23

$$P = 46.3 \text{ in}$$
$$A = 85.5625 \text{ in}^2$$

Area & Perimeter Answers (25-30)

Answers will be in correct locations when page is printed on back of task cards.

#26

$$P = 151 \text{ cm}$$
$$A = 1,425\frac{1}{16} \text{ cm}^2$$

#25

$$P = 42 \text{ m}$$
$$A = 91 \text{ m}^2$$

#28

$$P = 17.5 \text{ m}$$
$$A = 10 \text{ m}^2$$

#27

$$P = 216 \text{ in}$$
$$A = 2,880 \text{ in}^2$$

#30

$$P = 24\frac{1}{2} \text{ cm}$$
$$A = 34\frac{1}{8} \text{ cm}^2$$

#29

$$P = 29.6 \text{ in}$$
$$A = 26.62 \text{ in}^2$$

Area & Perimeter Answers

Preview Version

Area and Perimeter Task Card Covers

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by Laura Candler

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Area and Perimeter Task Cards

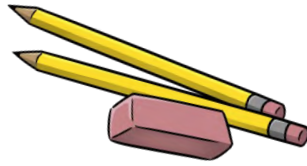
Answer Key

Task Card	Answers
1	P = 31.4 in A = 58.9 in ²
2	P = 11 ft A = 6 ft ²
3	P = 12 yd A = 5 yd ²
4	P = 31 cm A = 60 $\frac{1}{16}$ cm ²
5	P = 18 ft A = 20.25 ft ²
6	P = 16 m A = 7 m ²
7	P = 30 in A = 42.75 in ²
8	P = 52.4 in A = 123 in ²
9	P = 20 $\frac{3}{4}$ ft A = 16 $\frac{7}{8}$ ft ²
10	P = 24.8 in A = 35 in ²
11	P = 46 ft A = 131 $\frac{1}{4}$ ft ²
12	P = 36 ft A = 56 ft ²
13	P = 24 in A = 20 in ²
14	P = 11 ft A = 7 $\frac{9}{16}$ ft ²
15	P = 27.4 cm A = 32 cm ²

Task Card	Answers
16	P = 29.4 in A = 45 in ²
17	P = 12 yd A = 6 yd ²
18	P = 16 ft A = 7 ft ²
19	P = 39 ft A = 67.5 ft ²
20	P = 24.6 in A = 31.5 in ²
21	P = 30 ft A = 39 ft ²
22	P = 25 in A = 35 in ²
23	P = 46.3 in A = 85.5625 in ²
24	P = 100 in A = 600 in ²
25	P = 42 m A = 91 m ²
26	P = 151 cm A = 1,425 $\frac{1}{16}$ cm ²
27	P = 216 in A = 2,880 in ²
28	P = 17.5 m A = 10 m ²
29	P = 29.6 in A = 26.62 in ²
30	P = 24 $\frac{1}{2}$ cm A = 34 $\frac{1}{8}$ cm ²

Task Card

Recording Form



Name _____

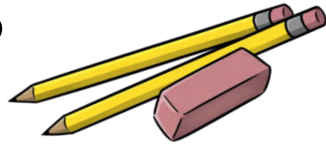
Date _____

Task Card	Answers
1	
2	
3	
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13	
14	
15	

Task Card	Answers
16	
17	
18	
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23	
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25	
26	
27	
28	
29	
30	

Area & Perimeter

Recording Form



Name _____

Date _____

Task Card	Answers	
1	P =	A =
2	P =	A =
3	P =	A =
4	P =	A =
5	P =	A =
6	P =	A =
7	P =	A =
8	P =	A =
9	P =	A =
10	P =	A =
11	P =	A =
12	P =	A =
13	P =	A =
14	P =	A =
15	P =	A =

Task Card	Answers	
16	P =	A =
17	P =	A =
18	P =	A =
19	P =	A =
20	P =	A =
21	P =	A =
22	P =	A =
23	P =	A =
24	P =	A =
25	P =	A =
26	P =	A =
27	P =	A =
28	P =	A =
29	P =	A =
30	P =	A =

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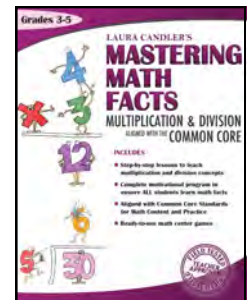
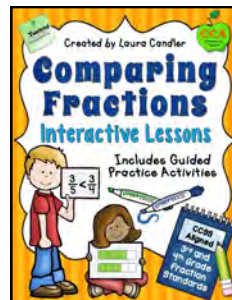
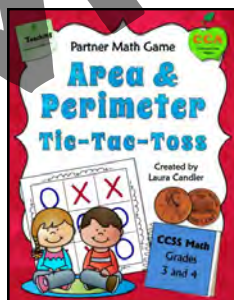
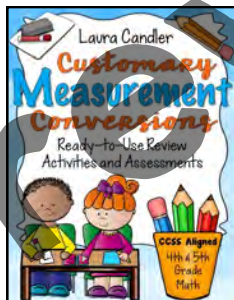
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