Name _____ Date _____



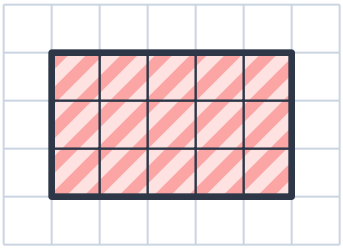
Wrapping Presents

Count the squares and the units around each piece.

= 1 square unit — = 1 unit



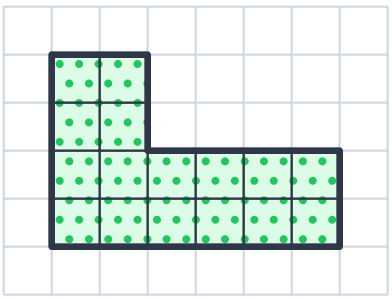
Example



Area = 15 square units

Perimeter = 16 units

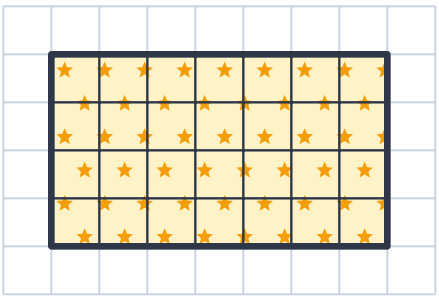
1.



Area = _____ square units

Perimeter = _____ units

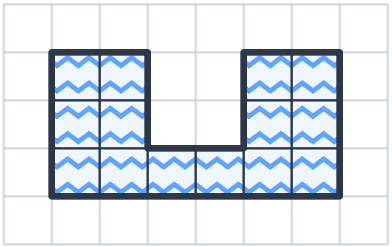
2.



Area = _____ square units

Perimeter = _____ units

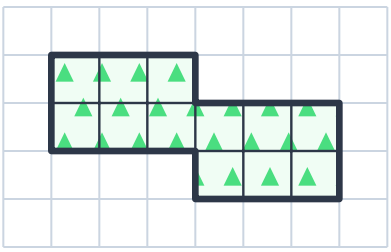
3.



Area = _____ square units

Perimeter = _____ units

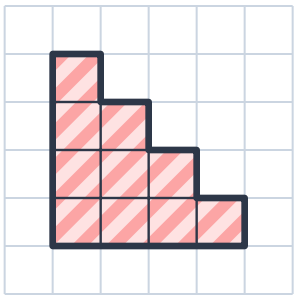
4.



Area = _____ square units

Perimeter = _____ units

5.



Area = _____ square units

Perimeter = _____ units

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Name _____ Date _____



Wrapping Presents

Find the ribbon around each one and the paper to cover it.

Example



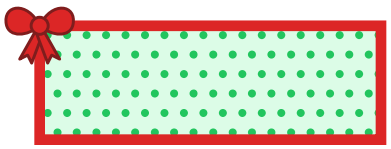
Ribbon around the holiday card (perimeter)

P = 8 + 5 + 8 + 5 = 26 in.

Paper to cover the holiday card (area)

A = 8 × 5 = 40 sq in.

1.



Ribbon around the gift tag (perimeter)

P = ___ + ___ + ___ + ___ = ___ cm

Paper to cover the gift tag (area)

A = ___ × ___ = ___ sq cm

2.



Ribbon around the photo card (perimeter)

P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the photo card (area)

A = ___ × ___ = ___ sq in.

3.



Ribbon around the box lid (perimeter)

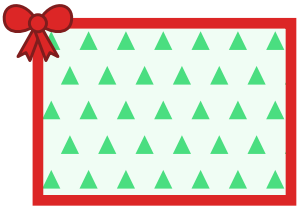
P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the box lid (area)

A = ___ × ___ = ___ sq in.



4.



Ribbon around the gift box top (perimeter)

P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the gift box top (area)

A = ___ × ___ = ___ sq in.

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Name _____ Date _____

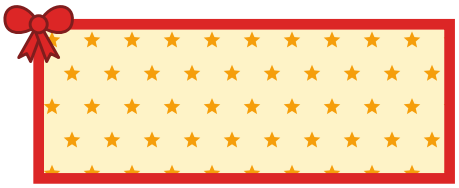


Wrapping Presents

Use the ribbon or the paper to find the missing side.

Example

Ribbon around the edge: 22 in.



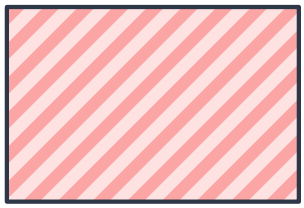
3 in.

8 in.

8 + 3 + 8 + 3 = 22

1. Paper to cover it: 24 sq in.



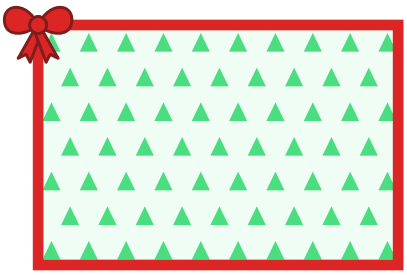


4 in.

_____ in.

_____ × 4 = 24

2. Ribbon around the edge: 30 cm

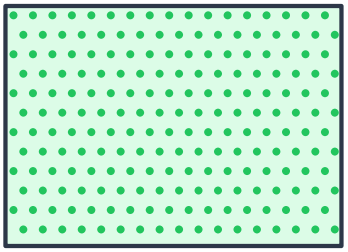


_____ cm

9 cm

9 + _____ + 9 + _____ = 30

3. Paper to cover it: 35 sq cm

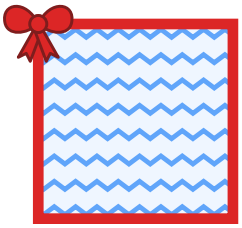


_____ cm

7 cm

7 × _____ = 35

4. Ribbon around the edge: 28 in.



square

_____ in.

_____ + _____ + _____ + _____ = 28

5. Paper to cover it: 48 sq in.



6 in.

_____ in.

_____ × 6 = 48

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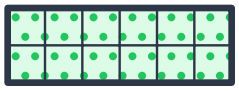


Wrapping Presents

Find the area and the perimeter. Then circle A or B.

Example

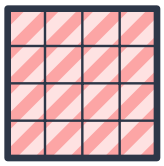
A



Area: 12 square units

Perimeter: 16 units

B



Area: 16 square units

Perimeter: 16 units

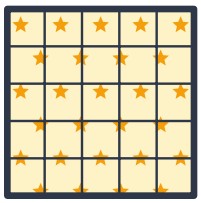
Same perimeter

Which piece of paper covers more?

A (B)

1.

A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same perimeter

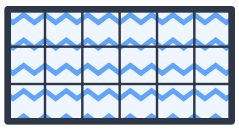
Which piece of paper covers more?



A B

2.

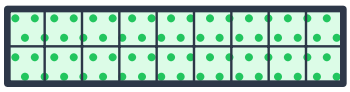
A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same area

Which piece needs more ribbon around the edge?

A B

3.

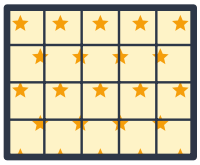
A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same area

Which piece needs more ribbon around the edge?

A B

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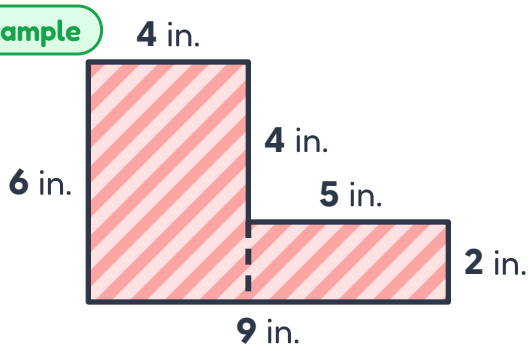
Name _____ Date _____



Wrapping Presents

Split each leftover piece into two rectangles.

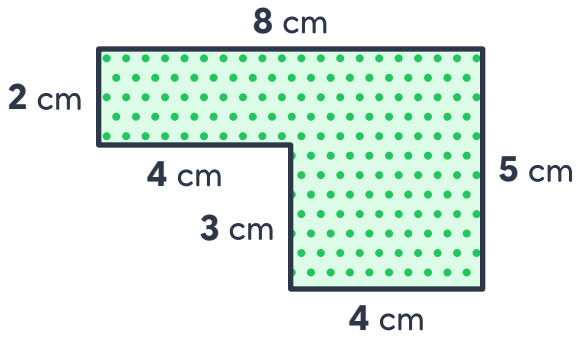
Example



Area: 24 + 10 = 34 sq in.

Perimeter: 30 in.

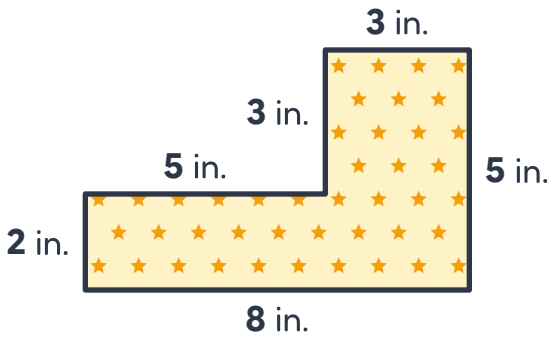
1.



Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

2.

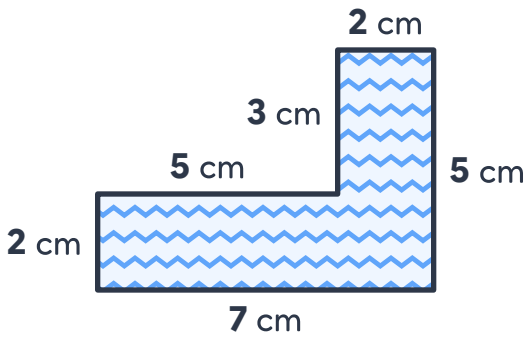


Area: ____ + ____ = ____ sq in.

Perimeter: ____ in.

3.

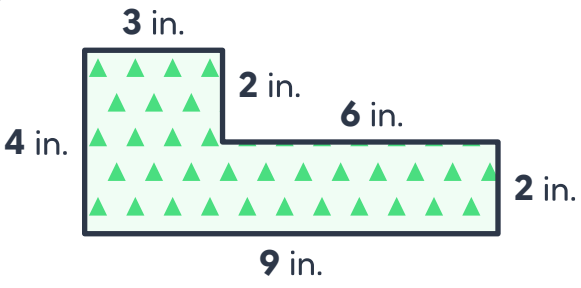




Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

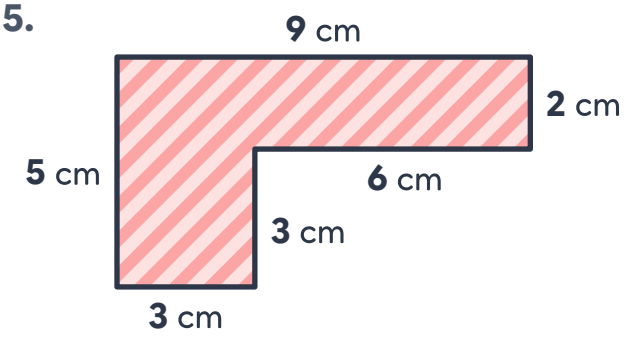
4.



Area: ____ + ____ = ____ sq in.

Perimeter: ____ in.

5.



Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

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Name _____ Date _____



Wrapping Presents

Does each story need the area or the perimeter? Solve.

Example Leo ties ribbon around the edge of a holiday card. The card is **14** inches long and **9** inches wide. How many inches of ribbon does he need?



One way

Circle: area **perimeter**

Equation: $2 \times 14 + 2 \times 9 = 46$

Answer: **46** inches

1. A sheet of wrapping paper is **30** inches long and **24** inches wide. How many square inches of paper are in the sheet?



Circle: area **perimeter**

Equation: _____

Answer: _____

2. A spool has **150** inches of ribbon. Max ties ribbon around a square card with sides **12** inches long. How many inches are left on the spool?



Circle: area **perimeter**

Equation: _____

Answer: _____

3. Santa's elves cover the tops of **4** gift boxes with paper. Each top is **9** inches long and **7** inches wide. How many square inches of paper do they use?



Circle: area **perimeter**

Equation: _____

Answer: _____

4. A gift tag covers **96** square centimeters. It is **8** centimeters wide. How many centimeters long is the tag?



Circle: area **perimeter**



Equation: _____

Answer: _____

5. Nia's **58** inches of ribbon go just once around the edge of a card. The card is **15** inches long. How many inches wide is it?



Circle: area **perimeter**

Equation: _____

Answer: _____

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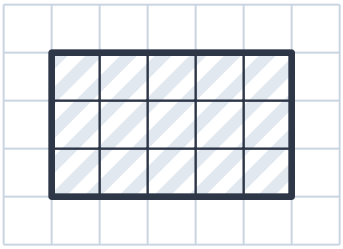
Wrapping Presents

Count the squares and the units around each piece.

= 1 square unit = 1 unit



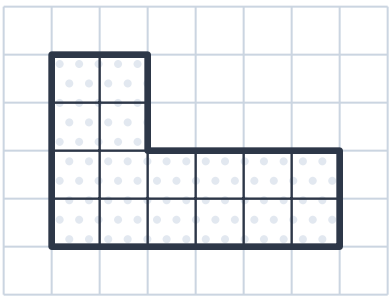
Example



Area = 15 square units

Perimeter = 16 units

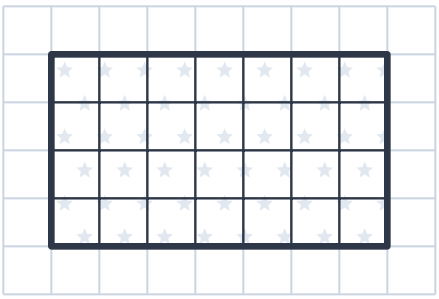
1.



Area = _____ square units

Perimeter = _____ units

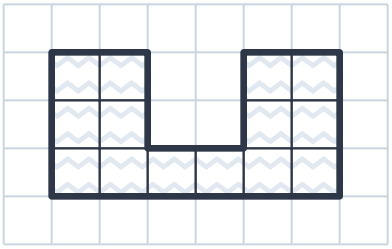
2.



Area = _____ square units

Perimeter = _____ units

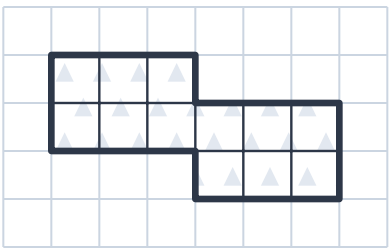
3.



Area = _____ square units

Perimeter = _____ units

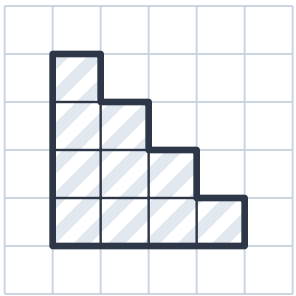
4.



Area = _____ square units

Perimeter = _____ units

5.



Area = _____ square units

Perimeter = _____ units

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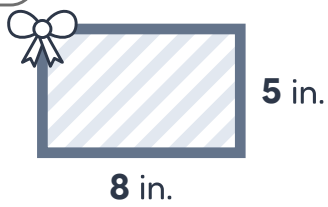
Name _____ Date _____



Wrapping Presents

Find the ribbon around each one and the paper to cover it.

Example



Ribbon around the holiday card (perimeter)

P = 8 + 5 + 8 + 5 = 26 in.

Paper to cover the holiday card (area)

A = 8 × 5 = 40 sq in.

1.



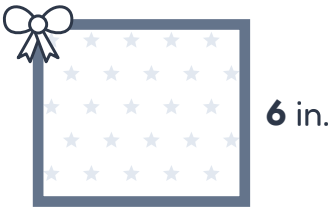
Ribbon around the gift tag (perimeter)

P = ___ + ___ + ___ + ___ = ___ cm

Paper to cover the gift tag (area)

A = ___ × ___ = ___ sq cm

2.



Ribbon around the photo card (perimeter)

P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the photo card (area)

A = ___ × ___ = ___ sq in.

3.



Ribbon around the box lid (perimeter)

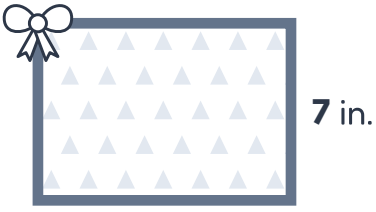
P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the box lid (area)

A = ___ × ___ = ___ sq in.



4.



Ribbon around the gift box top (perimeter)

P = ___ + ___ + ___ + ___ = ___ in.

Paper to cover the gift box top (area)

A = ___ × ___ = ___ sq in.

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Name _____ Date _____



Wrapping Presents

Use the ribbon or the paper to find the missing side.

Example

Ribbon around the edge: 22 in.



3 in.

8 in.

8 + 3 + 8 + 3 = 22

1. Paper to cover it: 24 sq in.



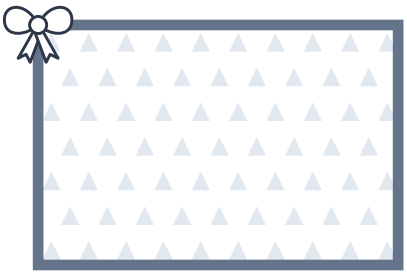


4 in.

_____ in.

_____ × 4 = 24

2. Ribbon around the edge: 30 cm



_____ cm

9 cm

9 + _____ **+ 9 +** _____ **= 30**

3. Paper to cover it: 35 sq cm

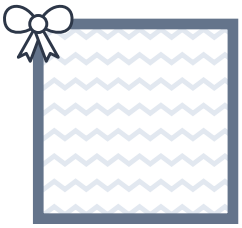


_____ cm

7 cm

7 × _____ **= 35**

4. Ribbon around the edge: 28 in.



square

_____ in.

_____ + _____ + _____ + _____ = 28

5. Paper to cover it: 48 sq in.



6 in.

_____ in.

_____ × 6 = 48

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Name _____ Date _____



Wrapping Presents

Find the area and the perimeter. Then circle A or B.

Example

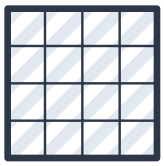
A



Area: 12 square units

Perimeter: 16 units

B



Area: 16 square units

Perimeter: 16 units

Same perimeter

Which piece of paper covers more?

A (B)

1.

A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same perimeter

Which piece of paper covers more?



A B

2.

A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same area

Which piece needs more ribbon around the edge?

A B

3.

A



Area: ____ square units

Perimeter: ____ units

B



Area: ____ square units

Perimeter: ____ units

Same area

Which piece needs more ribbon around the edge?

A B

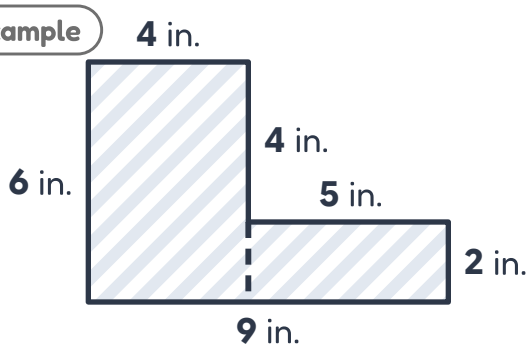
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Name _____ Date _____

Wrapping Presents

Split each leftover piece into two rectangles.

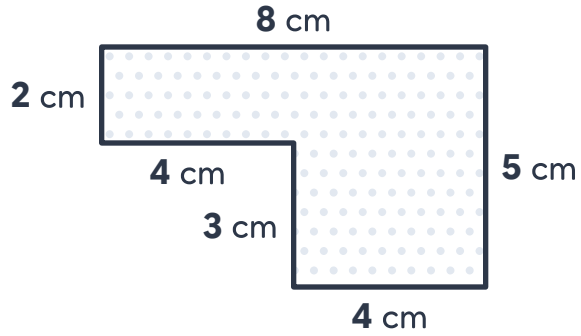
Example



Area: 24 + 10 = 34 sq in.

Perimeter: 30 in.

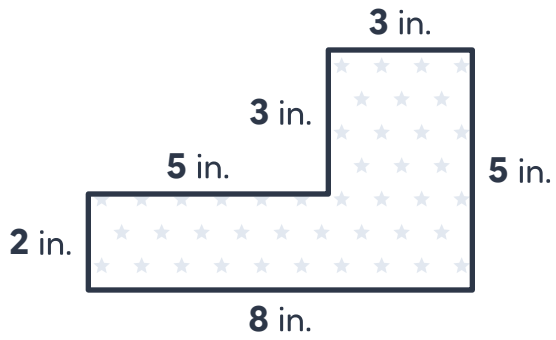
1.



Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

2.

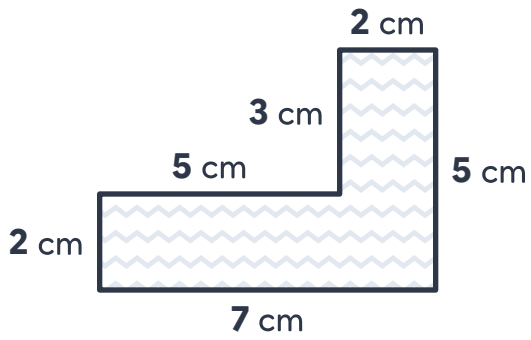


Area: ____ + ____ = ____ sq in.

Perimeter: ____ in.

3.

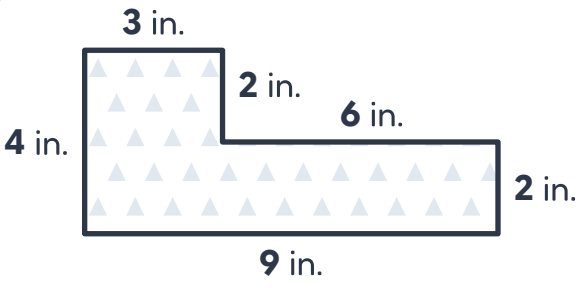




Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

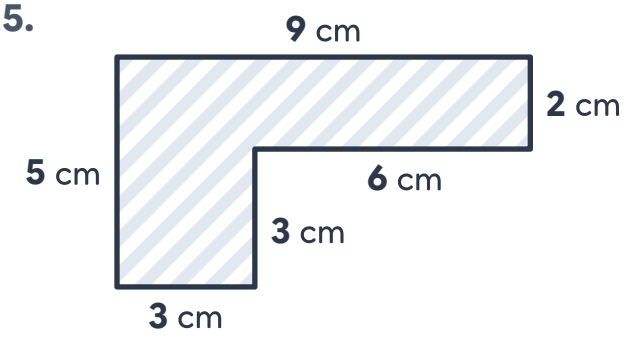
4.



Area: ____ + ____ = ____ sq in.

Perimeter: ____ in.

5.



Area: ____ + ____ = ____ sq cm

Perimeter: ____ cm

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Name _____ Date _____

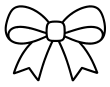


Wrapping Presents

Does each story need the area or the perimeter? Solve.

Example Leo ties ribbon around the edge of a holiday card. The card is **14** inches long and **9** inches wide. How many inches of ribbon does he need?

Circle: area **perimeter**



One way

Equation: $2 \times 14 + 2 \times 9 = 46$

Answer: **46** inches

1. A sheet of wrapping paper is **30** inches long and **24** inches wide. How many square inches of paper are in the sheet?

Circle: area perimeter



Equation: _____

Answer: _____

2. A spool has **150** inches of ribbon. Max ties ribbon around a square card with sides **12** inches long. How many inches are left on the spool?

Circle: area perimeter



Equation: _____

Answer: _____

3. Santa's elves cover the tops of **4** gift boxes with paper. Each top is **9** inches long and **7** inches wide. How many square inches of paper do they use?

Circle: area perimeter



Equation: _____

Answer: _____

4. A gift tag covers **96** square centimeters. It is **8** centimeters wide. How many centimeters long is the tag?



Circle: area perimeter



Equation: _____

Answer: _____

5. Nia's **58** inches of ribbon go just once around the edge of a card. The card is **15** inches long. How many inches wide is it?

Circle: area perimeter



Equation: _____

Answer: _____

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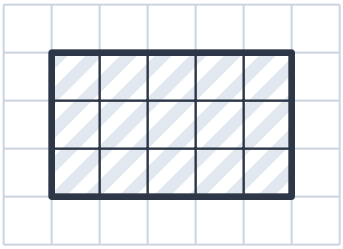
Wrapping Presents

Count the squares and the units around each piece.

= 1 square unit = 1 unit



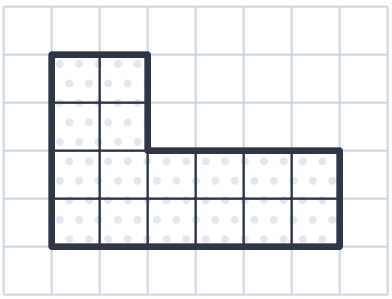
Example



Area = 15 square units

Perimeter = 16 units

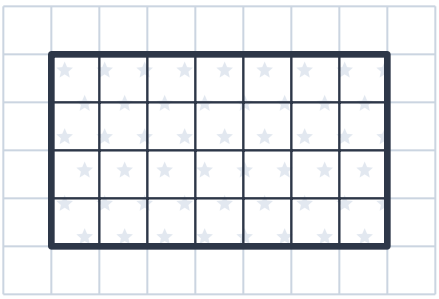
1.



Area = 16 square units

Perimeter = 20 units

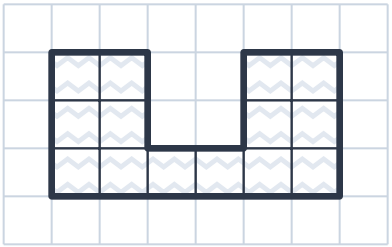
2.



Area = 28 square units

Perimeter = 22 units

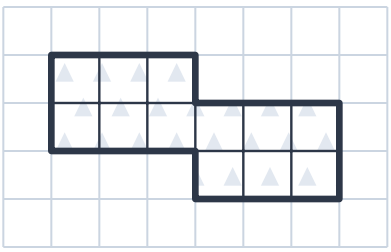
3.



Area = 14 square units

Perimeter = 22 units

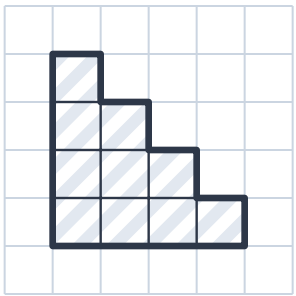
4.



Area = 12 square units

Perimeter = 18 units

5.



Area = 10 square units

Perimeter = 16 units

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Wrapping Presents

Find the ribbon around each one and the paper to cover it.

Example



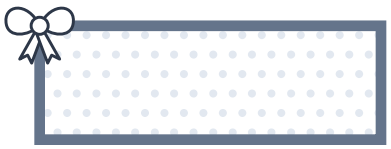
Ribbon around the holiday card (perimeter)

P = 8 + 5 + 8 + 5 = 26 in.

Paper to cover the holiday card (area)

A = 8 × 5 = 40 sq in.

1.



Ribbon around the gift tag (perimeter)

P = 9 + 3 + 9 + 3 = 24 cm

Paper to cover the gift tag (area)

A = 9 × 3 = 27 sq cm

2.



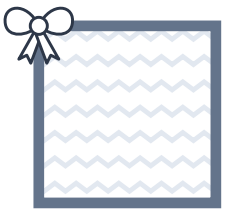
Ribbon around the photo card (perimeter)

P = 7 + 6 + 7 + 6 = 26 in.

Paper to cover the photo card (area)

A = 7 × 6 = 42 sq in.

3.



Ribbon around the box lid (perimeter)

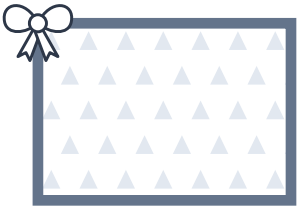
P = 6 + 6 + 6 + 6 = 24 in.

Paper to cover the box lid (area)

A = 6 × 6 = 36 sq in.



4.



Ribbon around the gift box top (perimeter)

P = 10 + 7 + 10 + 7 = 34 in.

Paper to cover the gift box top (area)

A = 10 × 7 = 70 sq in.

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Wrapping Presents

Use the ribbon or the paper to find the missing side.

Example

Ribbon around the edge: 22 in.



3 in.

8 in.

8 + 3 + 8 + 3 = 22

1. Paper to cover it: 24 sq in.



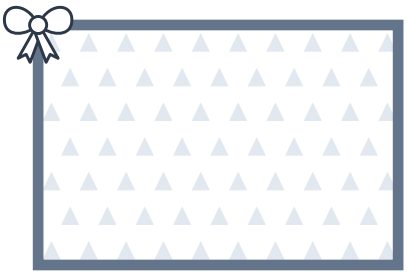


4 in.

6 in.

6 × 4 = 24

2. Ribbon around the edge: 30 cm



6 cm

9 cm

9 + 6 + 9 + 6 = 30

3. Paper to cover it: 35 sq cm

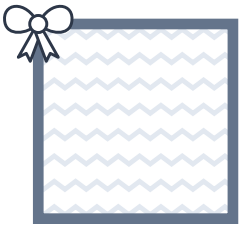


5 cm

7 cm

7 × 5 = 35

4. Ribbon around the edge: 28 in.



square

7 in.

7 + 7 + 7 + 7 = 28

5. Paper to cover it: 48 sq in.



6 in.

8 in.

8 × 6 = 48

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Wrapping Presents

Find the area and the perimeter. Then circle A or B.

Example

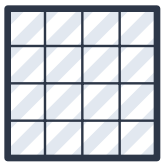
A



Area: 12 square units

Perimeter: 16 units

B



Area: 16 square units

Perimeter: 16 units

Same perimeter

Which piece of paper covers more?

A (B)

1.

A



Area: 25 square units

Perimeter: 20 units

B



Area: 16 square units

Perimeter: 20 units

Same perimeter

Which piece of paper covers more?



(A) B

2.

A



Area: 18 square units

Perimeter: 18 units

B



Area: 18 square units

Perimeter: 22 units

Same area

Which piece needs more ribbon around the edge?

A (B)

3.

A



Area: 20 square units

Perimeter: 24 units

B



Area: 20 square units

Perimeter: 18 units

Same area

Which piece needs more ribbon around the edge?

(A) B

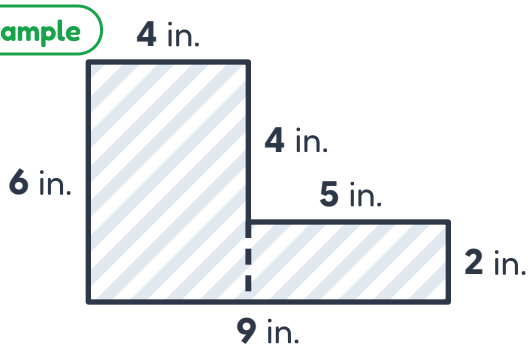
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Wrapping Presents

Split each leftover piece into two rectangles.

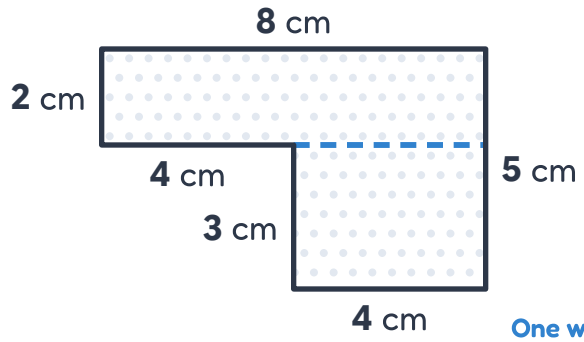
Example



Area: 24 + 10 = 34 sq in.

Perimeter: 30 in.

1.

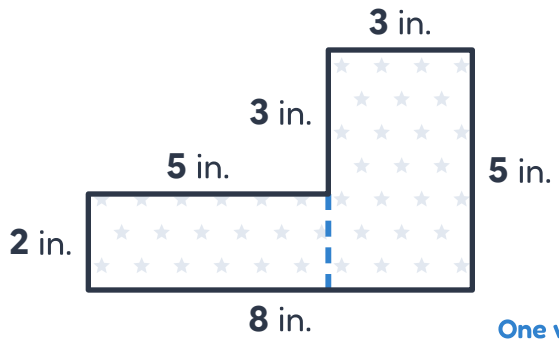


One way

Area: 16 + 12 = 28 sq cm

Perimeter: 26 cm

2.



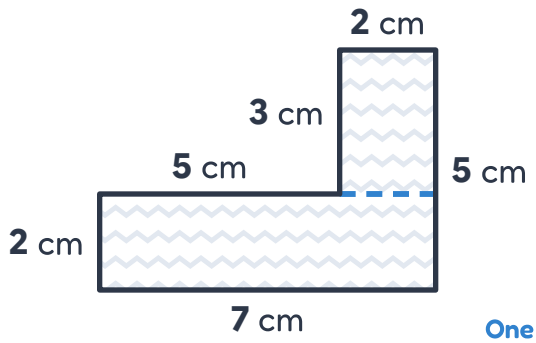
One way

Area: 15 + 10 = 25 sq in.

Perimeter: 26 in.

3.



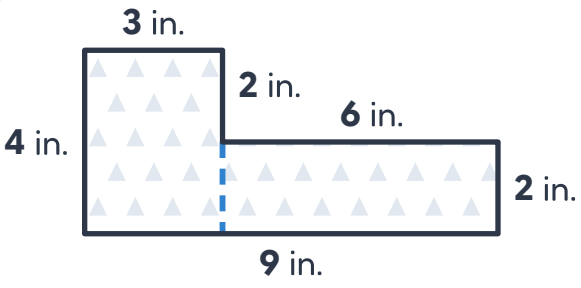


One way

Area: 14 + 6 = 20 sq cm

Perimeter: 24 cm

4.

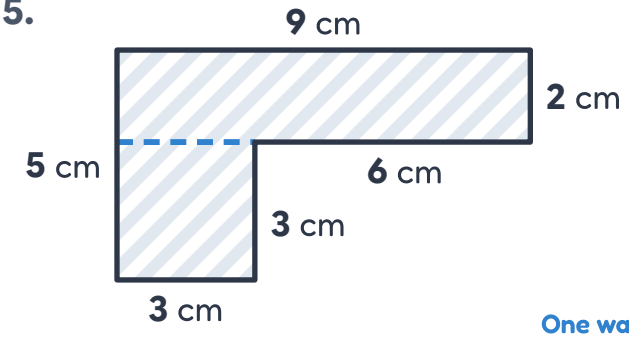


One way

Area: 12 + 12 = 24 sq in.

Perimeter: 26 in.

5.



One way

Area: 18 + 9 = 27 sq cm

Perimeter: 28 cm

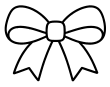
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Wrapping Presents

Does each story need the area or the perimeter? Solve.

Example Leo ties ribbon around the edge of a holiday card. The card is **14** inches long and **9** inches wide. How many inches of ribbon does he need?



Circle: area **perimeter**

One way

Equation: $2 \times 14 + 2 \times 9 = 46$

Answer: **46** inches

1. A sheet of wrapping paper is **30** inches long and **24** inches wide. How many square inches of paper are in the sheet?



Circle: **area** perimeter

One way

Equation: $30 \times 24 = 720$

Answer: 720 square inches

2. A spool has **150** inches of ribbon. Max ties ribbon around a square card with sides **12** inches long. How many inches are left on the spool?



Circle: area **perimeter**

One way

Equation: $150 - 4 \times 12 = 102$

Answer: 102 inches

3. Santa's elves cover the tops of **4** gift boxes with paper. Each top is **9** inches long and **7** inches wide. How many square inches of paper do they use?



Circle: **area** perimeter

One way

Equation: $4 \times 9 \times 7 = 252$

Answer: 252 square inches

4. A gift tag covers **96** square centimeters. It is **8** centimeters wide. How many centimeters long is the tag?





Circle: **area** perimeter

One way

Equation: $96 \div 8 = 12$

Answer: 12 centimeters

5. Nia's **58** inches of ribbon go just once around the edge of a card. The card is **15** inches long. How many inches wide is it?



Circle: area **perimeter**

One way

Equation: $(58 - 2 \times 15) \div 2 = 14$

Answer: 14 inches

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