

**1. Find the value of each of the following:** (2 points  $\times$  8 = 16 points)

$87 + 20 =$

$68 + 34 =$

$70 - 39 =$

$95 - 59 =$

$400 \times 3 =$

$50 \times 8 =$

$360 \div 4 =$

$2400 \div 6 =$

**2. Fill in the blanks.** (2 points  $\times$  10 = 20 points)

$3\text{ m } 5\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

$863\text{ cm} = \underline{\hspace{2cm}}\text{ m } \underline{\hspace{2cm}}\text{ cm}$

$4\text{ ft } 7\text{ in} = \underline{\hspace{2cm}}\text{ in}$

$3\text{ yd } 1\text{ ft} = \underline{\hspace{2cm}}\text{ ft}$

$3\text{ h } 10\text{ min} = \underline{\hspace{2cm}}\text{ min}$

$100\text{ min} = \underline{\hspace{2cm}}\text{ h } \underline{\hspace{2cm}}\text{ min}$

$4\text{ min } 40\text{ s} = \underline{\hspace{2cm}}\text{ s}$

$160\text{ s} = \underline{\hspace{2cm}}\text{ min } \underline{\hspace{2cm}}\text{ s}$

$2\text{ weeks} = \underline{\hspace{2cm}}\text{ days}$

$3\text{ years } 4\text{ months} = \underline{\hspace{2cm}}\text{ months}$

**3. Add or subtract.** (3 points  $\times$  5 = 15 points)

$3\text{ km } 450\text{ m} + 1\text{ km } 850\text{ m} = \underline{\hspace{2cm}}\text{ km } \underline{\hspace{2cm}}\text{ m}$

$1\text{ kg } 50\text{ g} + 2\text{ kg } 70\text{ g} = \underline{\hspace{2cm}}\text{ kg } \underline{\hspace{2cm}}\text{ g}$

$2\text{ l } 800\text{ ml} + 3\text{ l } 350\text{ ml} = \underline{\hspace{2cm}}\text{ l } \underline{\hspace{2cm}}\text{ ml}$

$4\text{ lb } 9\text{ oz} - 1\text{ lb } 14\text{ oz} = \underline{\hspace{2cm}}\text{ lb } \underline{\hspace{2cm}}\text{ oz}$

$5\text{ h } 50\text{ min} - 1\text{ h } 35\text{ min} = \underline{\hspace{2cm}}\text{ h } \underline{\hspace{2cm}}\text{ min}$

**4. Word Problems** (3 points  $\times$  4 = 12 points)

(a) Kristi went to shopping mall at 10:20 a.m. She came home 2h 25min later.

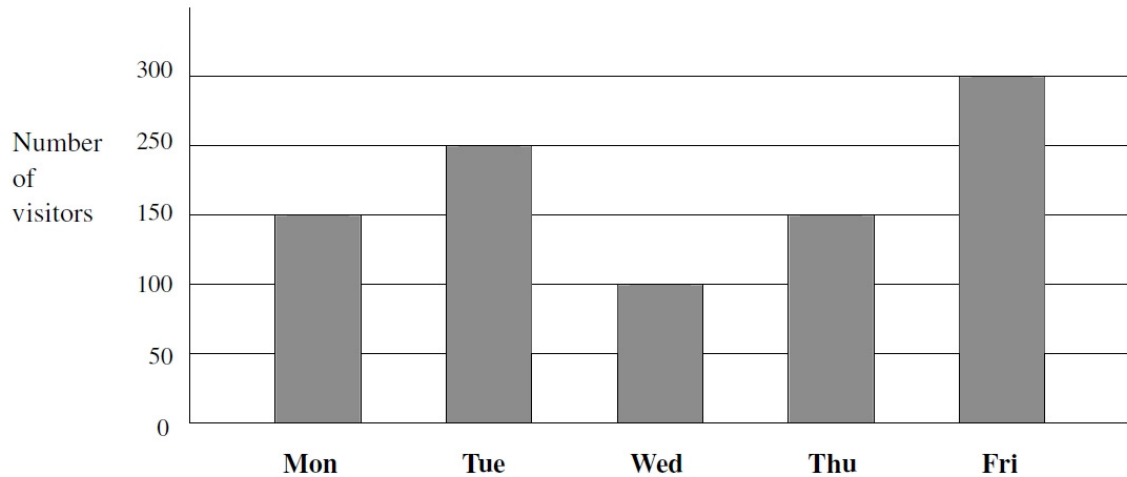
When did she come home?

(b) Sally took 1h 10 min to do her homework. She finished doing her homework at 8:30 p.m. When did she start?

(c) A restaurant is open from 10:30 am to 10:00 pm every day. How long is the restaurant open a day?

**5. Bar Graph Problems** (2 points  $\times$  5 = 10 points)

This bar graph shows the number of people who visited a book fair from Monday to Friday.



Use the graph to answer the following questions.

- (a) How many people visited the book fair on Tuesday?
- (b) How many more people visited the book fair on Friday than on Thursday?
- (c) On which day was the number of visitors the smallest?
- (d) On which day were there as many visitors as on Monday?
- (e) How many people came to the book fair from Monday to Friday altogether?

**6. Arrange the fractions in order. Begin with the smallest.** (3 points  $\times$  3 = 9 points)

(a)  $\frac{1}{5}$ ,  $\frac{1}{7}$ ,  $\frac{1}{3}$  \_\_\_\_\_

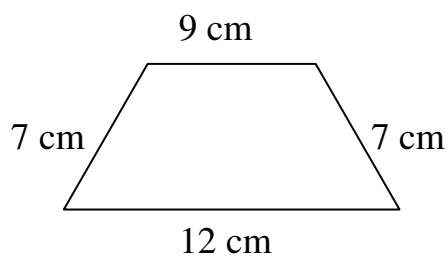
(b)  $\frac{5}{8}$ ,  $\frac{7}{8}$ ,  $\frac{3}{8}$  \_\_\_\_\_

(c)  $\frac{2}{3}$ ,  $\frac{1}{2}$ ,  $\frac{5}{6}$  \_\_\_\_\_

7. Find the perimeter and/or the area of each of the following figures: (14 points)

(a)

Perimeter = \_\_\_\_\_ cm

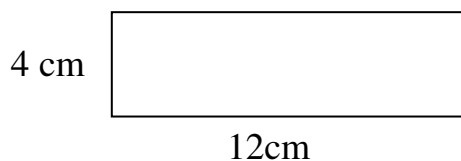


(b)

The length of the rectangle is 12cm. Its width is 4 cm.

Perimeter = \_\_\_\_\_ cm

Area = \_\_\_\_\_ cm<sup>2</sup>

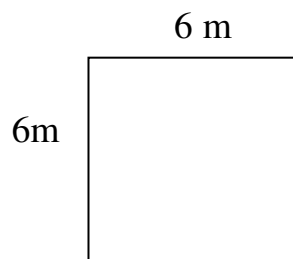


(c)


Each side of the square is 6 m long.


Perimeter = \_\_\_\_\_ m

Area = \_\_\_\_\_ m<sup>2</sup>

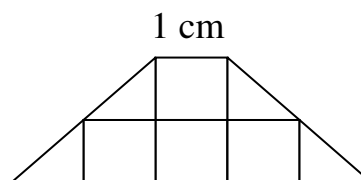


(d)

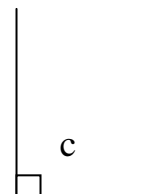
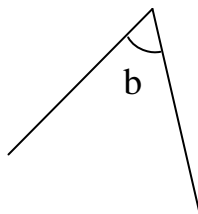
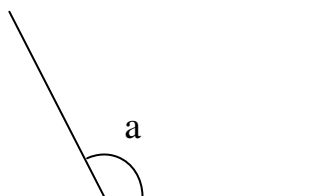
The area of each  is 1 cm<sup>2</sup>.

The area of each  is  $\frac{1}{2}$  cm<sup>2</sup>

The total area of the figure = \_\_\_\_\_ cm<sup>2</sup>



8. Which one is a right angle? (4 points)



Angle \_\_\_\_\_ is a right angle.