Mid-Year Review
Test Prep

Multiple Choice

Fill in the circle next to the correct answer.

1. In the number 6,592, the digit 5 is in the _____ place. *(Lesson 1.2)*

   (A) ones (B) tens

   (C) hundreds (D) thousands

2. Which number is 1,000 more than 1,629? *(Lesson 1.3)*

   (A) 629 (B) 1,619

   (C) 1,729 (D) 2,629

3. Estimate the sum of 342 and 525. Use front-end estimation. *(Lesson 2.5)*

   (A) 300 + 500 = 800 (B) 300 + 530 = 830

   (C) 340 + 500 = 840 (D) 340 + 530 = 870

4. Estimate the difference between 828 and 535.
   Use rounding to the nearest hundred. *(Lesson 2.4)*

   (A) 900 − 500 = 400

   (B) 800 − 500 = 300

   (C) 900 − 600 = 300

   (D) 800 − 600 = 200

5. $0 \times 9 =$ _____ *(Lesson 6.1)*

    (A) 0   (B) 9

    (C) 90   (D) 900

6. To find the answer to 38 + 48, You can add 50 to _____. *(Lesson 2.1)*

    (A) 38, then add 2   (B) 38, then subtract 2

    (C) 48, then add 2   (D) 48, then subtract 2

7. What is the missing digit? *(Lesson 3.3)*

$$
\begin{array}{r}
5,\ 3\ 2\ \boxed{} \\
+\ 3,\ 6\ \boxed{}\ 4 \\
\hline
\boxed{},\ 0\ 2\ 3
\end{array}
$$

    (A) 1   (B) 2

    (C) 5   (D) 9

8. There are four numbers on a whiteboard:

1,390, 1,125, 1,580, and 1,625.

The difference between two of the numbers is 235.

What are the two numbers? *(Lesson 4.3)*

    (A) 1,580 and 1,390   (B) 1,625 and 1,390

    (C) 1,390 and 1,125   (D) 1,580 and 1,125

9. How many numbers between 31 and 50 can be divided by 6 with no remainder? *(Lesson 8.4)*

(A) 1   (B) 2

(C) 3   (D) 4

10. Add 4,786 and 1,078. *(Lesson 3.3)*

(A) 3,708   (B) 3,808

(C) 5,764   (D) 5,864

11. Subtract 1,786 from 3,000. *(Lesson 4.3)*

(A) 1,204   (B) 1,214

(C) 2,786   (D) 4,786

12. $215 \times 4 =$ _____. *(Lesson 7.3)*

(A) 172   (B) 211

(C) 219   (D) 860

13. Which of the following is the same as 5×9? *(Lesson 6.5)*

(A) $9 + 5$ (B) $5 + 5 + 9 + 9$

(C) $5 + 5 + 5 + 5 + 5$ (D) $9 + 9 + 9 + 9 + 9$

14. Drew has 87 pebbles.
He divides the pebbles equally into 3 bags.
How many pebbles does he have in each bag? *(Lesson 8.5)*

(A) 29   (B) 84

(C) 90   (D) 261

15. The sum of two numbers is 100.
The difference between the two numbers is 26.
What is the number that is less? *(Lesson 5.1)*
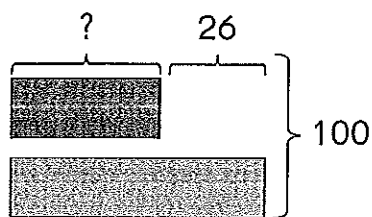
(A) 13   (B) 24

(C) 37   (D) 63

Short Answer

Read the questions carefully.
Write each answer in the space provided.

16. Write three thousand, fourteen in standard form. *(Lesson 1.1)*

_____

Name: _____   Date: _____

17.   What is the value of the digit 5 in the number 5,631? *(Lesson 1.2)*

_____

18.   Use the digits below to make three 3-digit odd numbers and three 3-digit even numbers. Do not repeat the same digits in a number. *(Lesson 8.3)*

1   8   2   3   9   4   7

Odd numbers: _____

Even numbers: _____

19.   Add 1,850 + 59. *(Lesson 3.2)*

_____

20.   70 × 4 = ? *(Lesson 7.1)*

_____

21.   In 59 ÷ 2, the quotient is _____, and the remainder is _____. *(Lesson 8.2)*

22. Shaun takes 300 photographs at the zoo.
Sheena takes twice as many photographs as Shaun.
How many photographs do they take in all? *(Lesson 9.1)*

_____ photos

23. Shannon has 78 animal stickers.
She has three times as many animal stickers as her brother, Ryan.
How many animal stickers does Ryan have? *(Lesson 9.3)*

_____ paperclips

24. The sum of two numbers is 1,500.
The difference between these two numbers is 300.
Find these two numbers from the numbers provided. *(Lessons 3.2 and 4.1)*

1,200   600   300   700   800   900

_____

25. Caroline packs some glue sticks into 8 bags.
She has 12 glue sticks left over.
If there are 25 glue sticks in each bag, how many
glue sticks did she have at first? *(Lessons 7.3 and 3.1)*

_____

26. What is the product of $1 \times 7 \times 2$?
Use the number lines to help you. *(Lessons 6.1 and 6.2)*

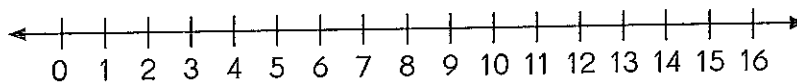$1 \times 7 \times 2 = 1 \times$ _____

$= $ _____

$1 \times 7 \times 2 = $ _____ $\times 2$

$= $ _____

So, $1 \times$ _____ $= $ _____ $\times 2$

$= $ _____.
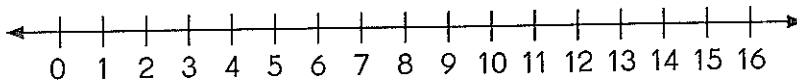
27.   Find the sum of 938 and 8,163. *(Lesson 3.3)*

_____

28.   Find the difference between 6,215 and 8,356. *(Lesson 4.3)*

_____

29.   Find the product of 154 and 4. *(Lesson 7.3)*

_____

30.   Use the digits below to form two 2-digit numbers.
Each number has a remainder of 1 when divided by 4. *(Lesson 8.2)*

1   3   7   9

_____

31.   Find the difference between $45 \div 5$ and 5×7. *(Lessons 4.3, 6.3, and 7.1)*

_____

32. Use the model, How many stamps does Alex have? (Lesson 5.1)

50 stamps

Jim

Alex
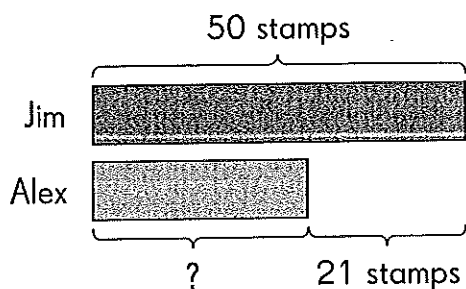
?   21 stamps

_____ stamps

33. A craft store sells 1,124 fewer pieces of red art paper
than blue art paper.
It sells 2,317 pieces of red art paper.
How many pieces of red and blue art paper does the craft store sell?
(Lessons 3.3 and 4.3)

_____ pieces

34. Ngu walks 250 feet.
She walks 65 feet more than Pauline.
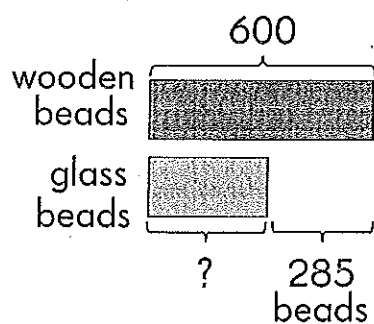How far does Pauline walk? (Lesson 4.3)

_____ feet

35. Oomi makes 4 necklaces.
She uses 156 beads for each necklace.
How many beads does she use in all? (Lesson 7.3)

_____ beads

Extended Response

Solve. Show your work.

36. Jolene has 600 wooden beads.
She has 285 fewer glass beads than wooden beads.
a. How many glass beads does Jolene have?

```
              600
wooden  ┌──────────────┐
beads   │▓▓▓▓▓▓▓▓▓▓▓▓▓│
        └──────────────┘
glass   ┌──────┐
beads   │▒▒▒▒▒│
        └──────┘└──────┘
           ?       285
                  beads
```

b. How many wooden beads does she have if she uses
150 of them to make necklaces?

```
    600 beads
 ┌──────────────┐
 │▓│▒▒▒▒▒▒▒▒▒▒│
 └──────────────┘
 150      ?
 beads
```
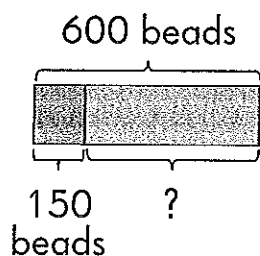
37. Company A gets 3,700 hits on their website.
    Company B gets 450 fewer hits than Company A.
    a. How many hits does Company B get?

    b. How many hits do both companies get in all?

38. Noah swims 80 laps in 5 days.
He swims the same number of laps every day.

a. How many laps does he swim in a day?

b. How many laps does he swim in 4 days?

39. Jose has 88 stickers.

He puts 4 stickers on each bookmark.

He gives all his bookmarks away to his friends.

Each friend receives 2 bookmarks.

a. How many bookmarks does he put stickers on?

b. How many friends does he have?

40. A factory delivers 5 containers of pottery to a store.
Each container has 162 pieces of pottery.
The store owner discovers 24 pieces of pottery are broken.
How many pieces of pottery are not broken?

End-of-Year Review

Test Prep

Multiple Choice

Fill in the circle next to the correct answer.

1. John spends $1.35 on bus fare and $2.50 on food each day. How much does he spend in two days? *(Lesson 10.1)*

   (A) $3.85   (B) $6.60

   (C) $6.70   (D) $7.70

2. Paige jogs around a 400-meter track 3 times a day. What is the distance she jogs each day? *(Lesson 11.2)*

   (A) 400 m   (B) 1 km 200 m

   (C) 1 km 400 m   (D) 10 km 200 m

3. Which mass is <u>not</u> the same as the others? *(Lesson 11.3)*

   (A) 7,220 g   (B) 7,022 g

   (C) 7,000 g + 22 g   (D) 7 kg 22 g

4. Which is <u>incorrect</u>? *(Lesson 14.3)*

   (A) $\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$ (B) $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$

   (C) $\frac{2}{3} = \frac{4}{6} = \frac{6}{12}$ (D) $\frac{2}{2} = \frac{4}{4} = \frac{11}{11}$

5. Look at the measuring cups. *(Lesson 11.4)*
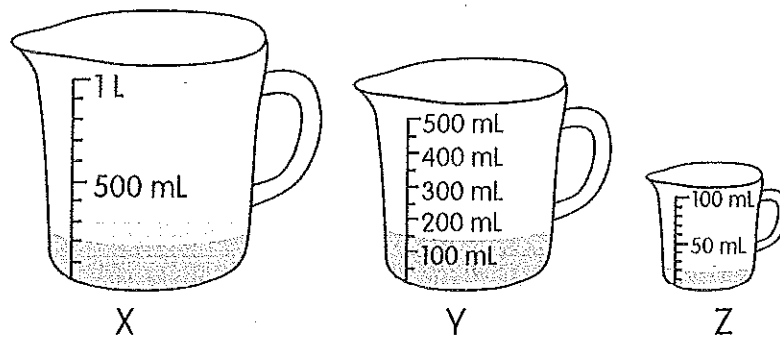
Which is correct?

(A) There is 500 milliliters more water in X than Y.

(B) There is a total of 1,500 milliliters of water in X and Y.

(C) Z contains 180 milliliters less water than X.

(D) The difference in the volume of water in Y and Z is 170 milliliters.

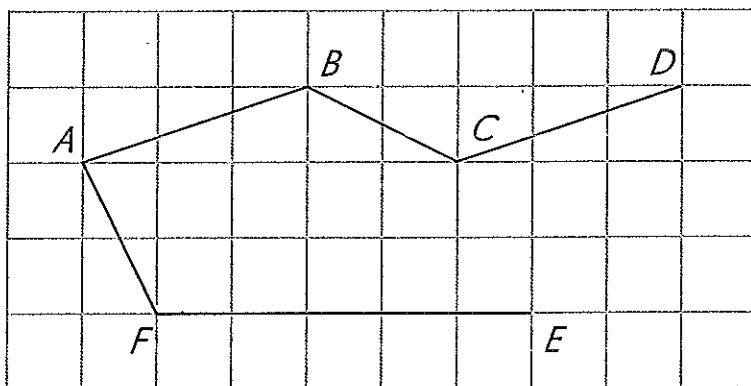**6.** What fraction of the figure is shaded? *(Lesson 14.1)*
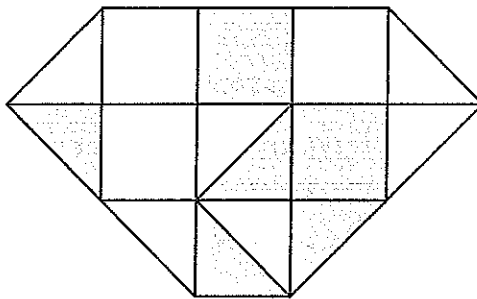
(A) $\dfrac{1}{5}$ (B) $\dfrac{2}{5}$

(C) $\dfrac{6}{13}$ (D) $\dfrac{2}{3}$

7. Look at the line segments. *(Lesson 17.6)*

Which line segments are parallel?

(A) Segments *AB* and *AF*   (B) Segments *BC* and *EF*

(C) Segments *AF* and *BC*   (D) Segments *AB* and *CD*

8. Which is a polygon? *(Lesson 18.1)*
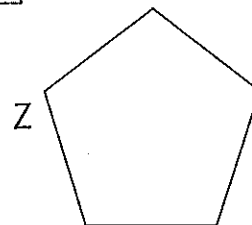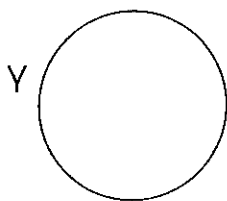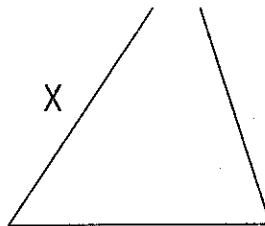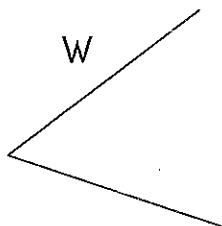
(A) Figure W   (B) Figure X

(C) Figure Y   (D) Figure Z

9. Which tarts weigh the same? *(Lesson 15.2)*

Tarts	Weight
Lemon	2 pounds
Blueberry	3 pounds
Strawberry	24 ounces
Peach	32 ounces

(A) Lemon and Strawberry

(B) Lemon and Peach

(C) Blueberry and Strawberry

(D) Blueberry and Peach

10. 8 of the 20 buttons in a box are gray.
The rest are white.
What fraction of the buttons are white? *(Lesson 14.6)*
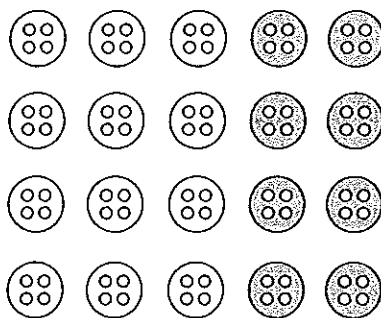
(A) $\frac{2}{5}$

(B) $\frac{3}{5}$

(C) $\frac{4}{5}$

(D) $\frac{3}{7}$

Name: _____   Date: _____

Short Answer

Read the questions carefully. Write your answers in the space provided.

11. Order the fractions from greatest to least. *(Lesson 14.4)*

$\dfrac{1}{4}, \dfrac{7}{8}, \dfrac{3}{4}$

_____

12. String A is 28 inches long. String B is 4 feet long.
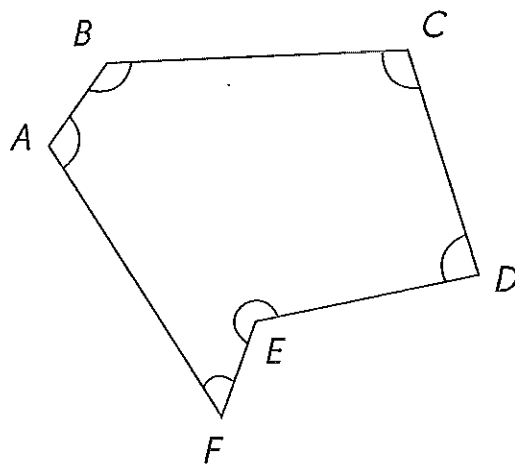Which is longer? *(Lesson 15.1)*

String _____

13. George starts on his science project at 8:25 A.M. He finishes
at 10:10 A.M. How long did he take? *(Lesson 16.5)*

_____ h _____ min

14. Mrs. Freeman puts 3 cups of lemon juice in a punch bowl.
She adds 6 pints of water. How many cups of liquid
are there in total? *(Lesson 15.3)*

_____ cups

15. Which angles in the figure are less than a right angle? *(Lesson 17.3)*

Angles _____ and _____

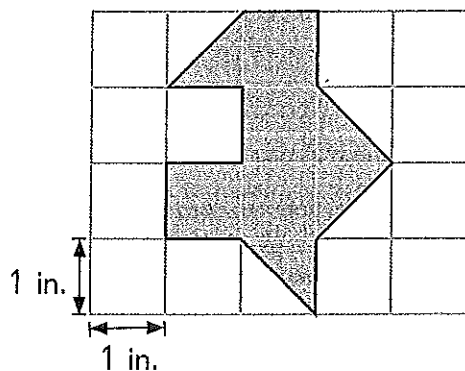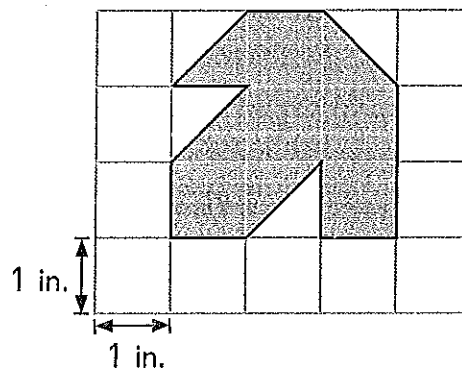## Look at the figures to answer Exercises 16 and 17. *(Lesson 19.4)*

Figure A   Figure B

1 in.   1 in.   1 in.   1 in.

16. Which figure has a greater area?
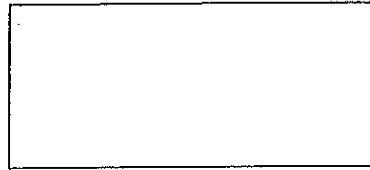
Figure _____

17. How much greater?
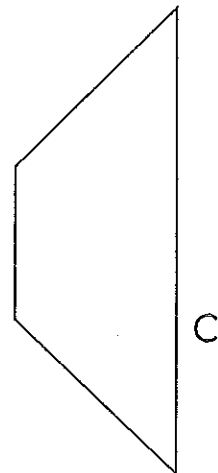
_____ in.²

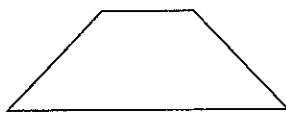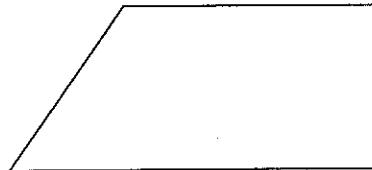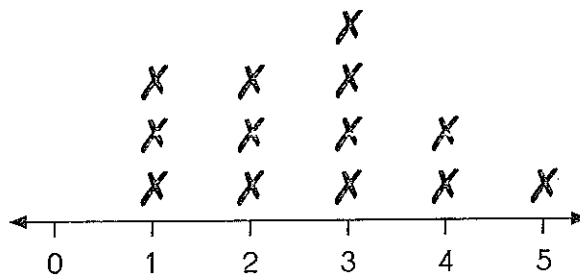**18.** Which figures are congruent? *(Lesson 18.2)*
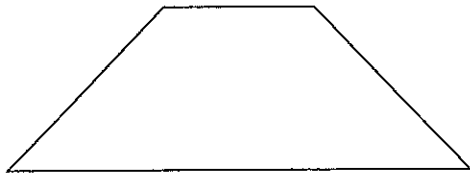
A

B

C

D

E

Figures _____ and _____

Look at the line plot to answer Exercises 19 and 20.

Beth surveyed her friends on the number of books they read last week. She drew a line plot to show her data. *(Lesson 13.3)*
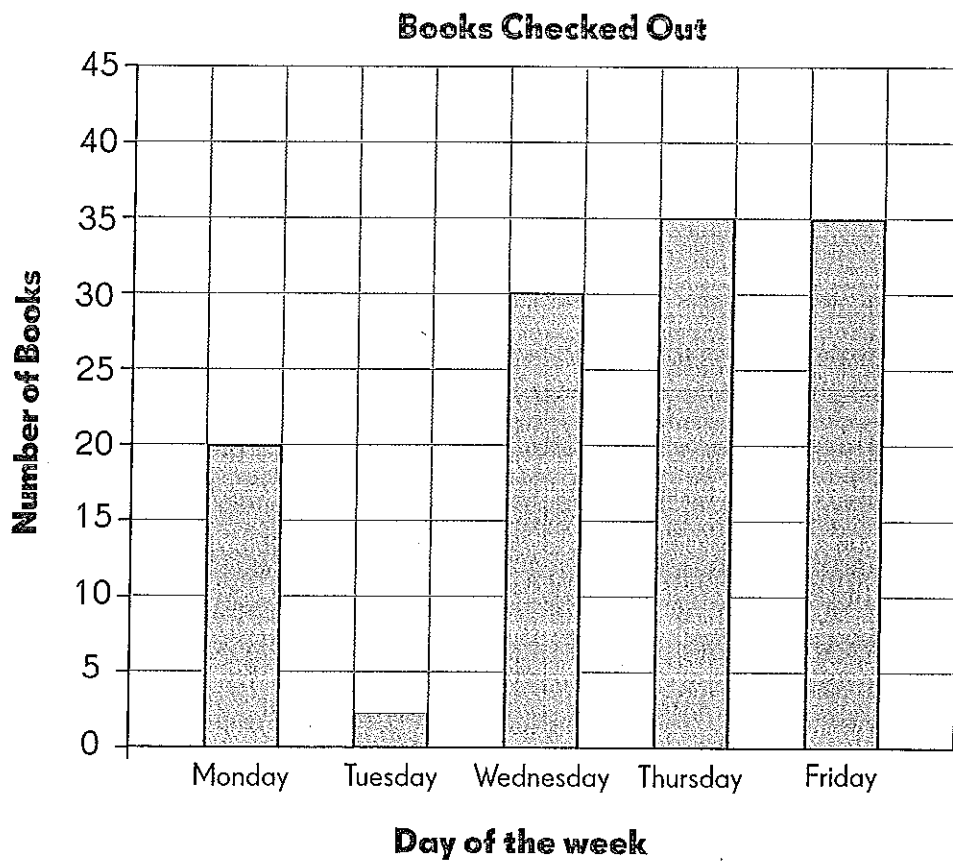

Number of Books Read Last Week

19. How many friends did she survey?

_____

20. How many friends read more than three books last week?

_____

Extended Response

The table and the bar graph show the number of books checked out of a library over five days. Some of the bars on the bar graph were incorrectly drawn.

Books Checked Out	
Monday	20
Tuesday	25
Wednesday	30
Thursday	35
Friday	40

Books Checked Out

Look at the table and bar graph to answer Exercises 21 to 26.

21.   Complete the bar graph for Tuesday.

22.   One bar on the bar graph was incorrectly drawn
for one of the days. On which day is it?

_____

23.   Show the correct number of books checked out for that day
in the bar graph.

24.   How many books were checked out during that week?

_____ books

25.   On which day was the number of books checked out
twice as many as Monday?

_____

26.   Look at the number of books checked out from Monday to Friday.
What is the pattern?

_____

Solve. Show your work.

27. After a garage sale, Norman makes $105.50.
Julie makes $38.75 more than Norman. Lana makes $19.20
less than Julie. How much does Lana make?

28. Colin uses a wire to make a square. Each side is
6 centimeters long. He then uses the same wire to make
a triangle of three equal sides. How long is each side of
the triangle?

6 cm
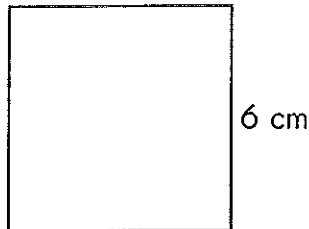
Solve . Show your work.

29. Pauline went to a party.
She spends 3 hours 25 minutes there.
She goes home at 2:15 P.M.
What time did she go to the party?

Draw a timeline to
help you.

Solve. Show your work.

30. A family has two dogs, a husky and a terrier. The husky's mass is 23 kilograms. If he gains 7 kilograms, his mass will be five times that of the terrier. What is the mass of the terrier?