LEAP CONNECT

**Practice Test
Reference Materials**

Mathematics
Grade 4

DEPARTMENT of
EDUCATION
louisiana Believes

Reference Materials include required graphics that are to be presented to the student during administration of the LEAP Connect mathematics practice test. Refer to the *Directions for Practice Test Administration* (DPTA) for detailed instructions.

Session 1

Up to 32 counters (Item 7, 9)

Items 1 – 3 Answer Options

Graph 1, "Parked Automobiles" (Item 4)

Items 4 – 14 Answer Options

Diagram 1 of Books (Item 15)

Item 15 Answer Options

Table 1, "Kitten Weight" and Line Plot and X tiles (Item 16)

Item 17 Answer Options

Incomplete Chart 1, "4 Angles" and Shapes (Item 18)

Items 19 – 20 Answer Options

Session 2

Up to 36 counters (Item 22, 28)

Item 21 Answer Options

Diagram 2 of Dimes, Groups of Dimes, and Pens (Item 22)

Item 22 Answer Options

Table 2, "Reading Time" and Line Plot and X tiles (Item 23)

Item 24 Answer Options

Incomplete Chart 2, "Shapes with At Least One Obtuse Angle" and Shapes (Item 25)
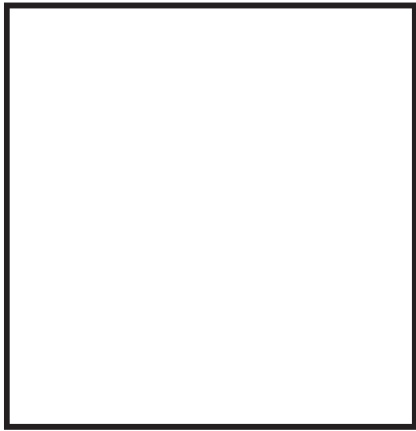
Item 26 Answer Options

Diagram 3 of Flowers (Item 27)

Items 27 - 33 Answer Options
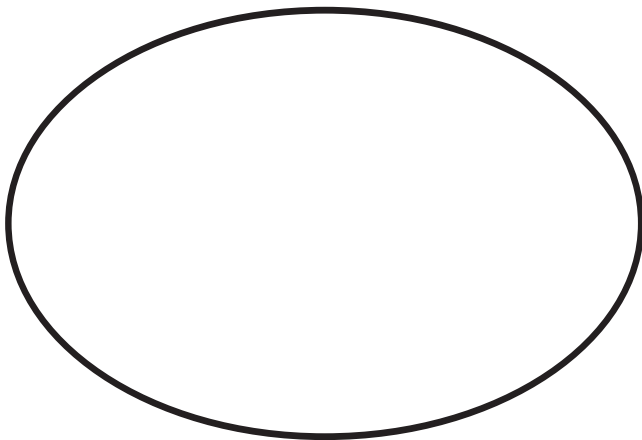
Incomplete Chart 3, "4 Sides" and Shapes (Item 34)
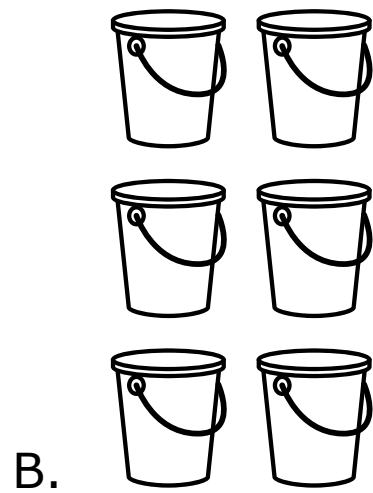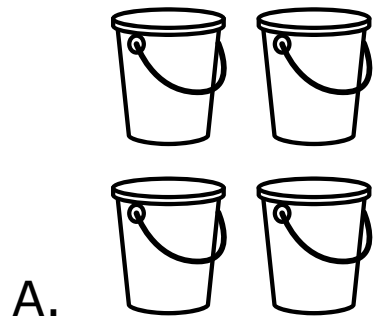
Session 1

A.

B.

Session 1 – Item 2 Answer Options
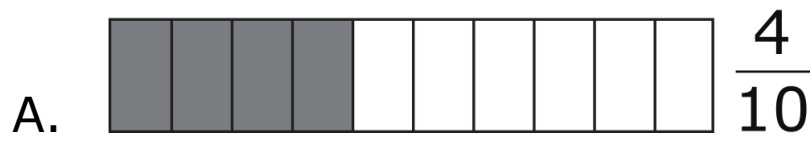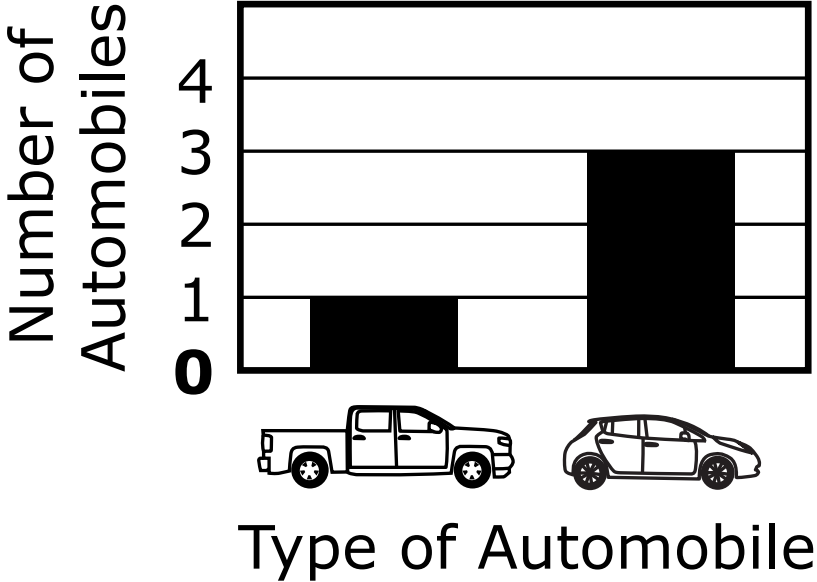
A.

B.

$$\frac{2}{5}$$

A. $$\frac{4}{10}$$

$$\frac{4}{5}$$

B. $$\frac{6}{10}$$

Parked Automobiles

Number of Automobiles (y-axis): 0, 1, 2, 3, 4

Type of Automobile (x-axis)

Graph 1, "Parked Automobiles"

A.

B.

A. $3 + 6 + 3$

B. $3 + 3 + 3$

C. $6 + 6 + 6$

A. $\dfrac{2}{4}$

B. $\dfrac{7}{10}$

C. $\dfrac{3}{8}$
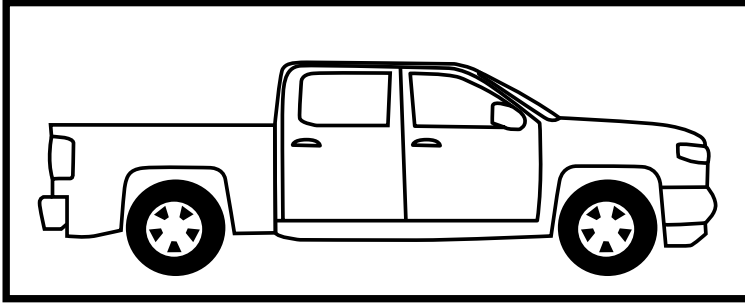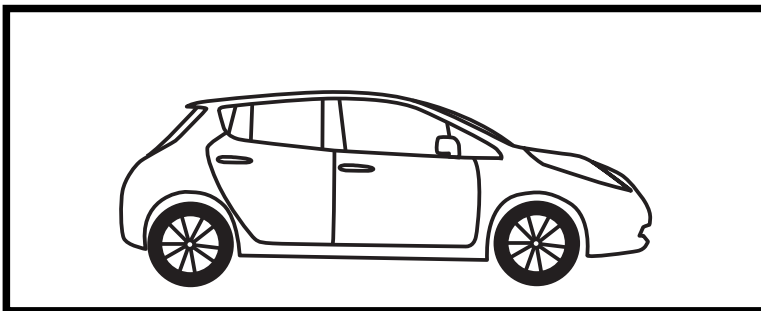
A. 2 pencils

B. 4 pencils

C. 5 pencils

A. 6 meters

B. 8 meters

C. 12 meters

A. 2 rulers

B. 3 rulers

C. 6 rulers

Session 1 – Item 10 Answer Options

A. $\dfrac{3}{3}$

B. $\dfrac{3}{4}$

C. $\dfrac{2}{12}$

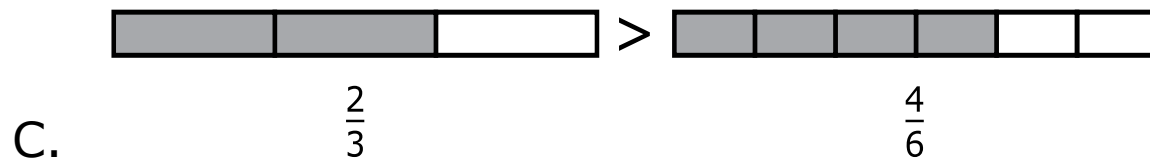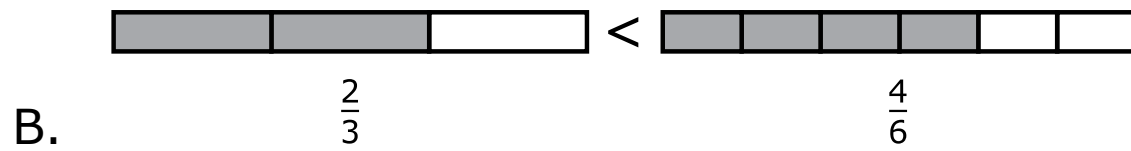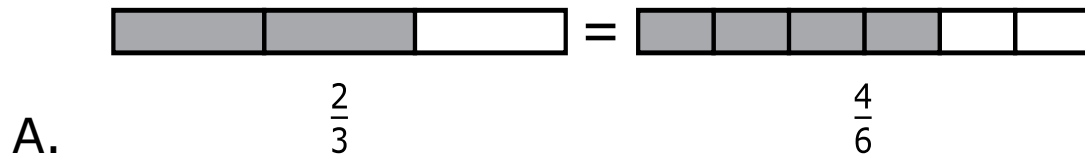**Session 1 – Item 11 Answer Options**

A. 16

B. 39

C. 42

A.

$$\frac{2}{3} = \frac{4}{6}$$

B.

$$\frac{2}{3} < \frac{4}{6}$$

C.

$$\frac{2}{3} > \frac{4}{6}$$

A. 13 inches

B. 21 inches

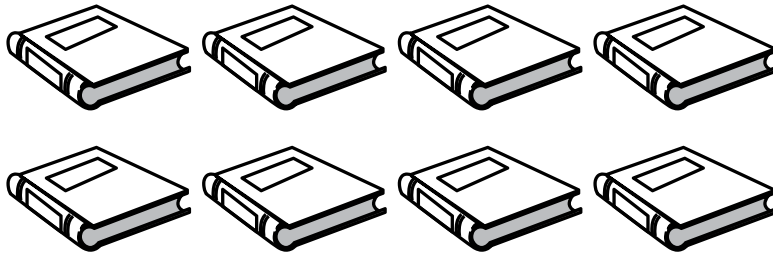C. 26 inches
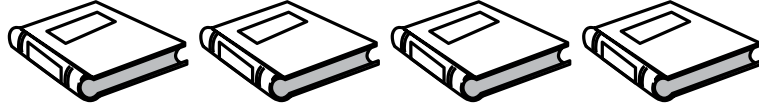
A.   20

B.   25

C.   30

Diagram 1 of Books

Session 1 – Item 15 Answer Options

A. $2 \times 4 = 8$
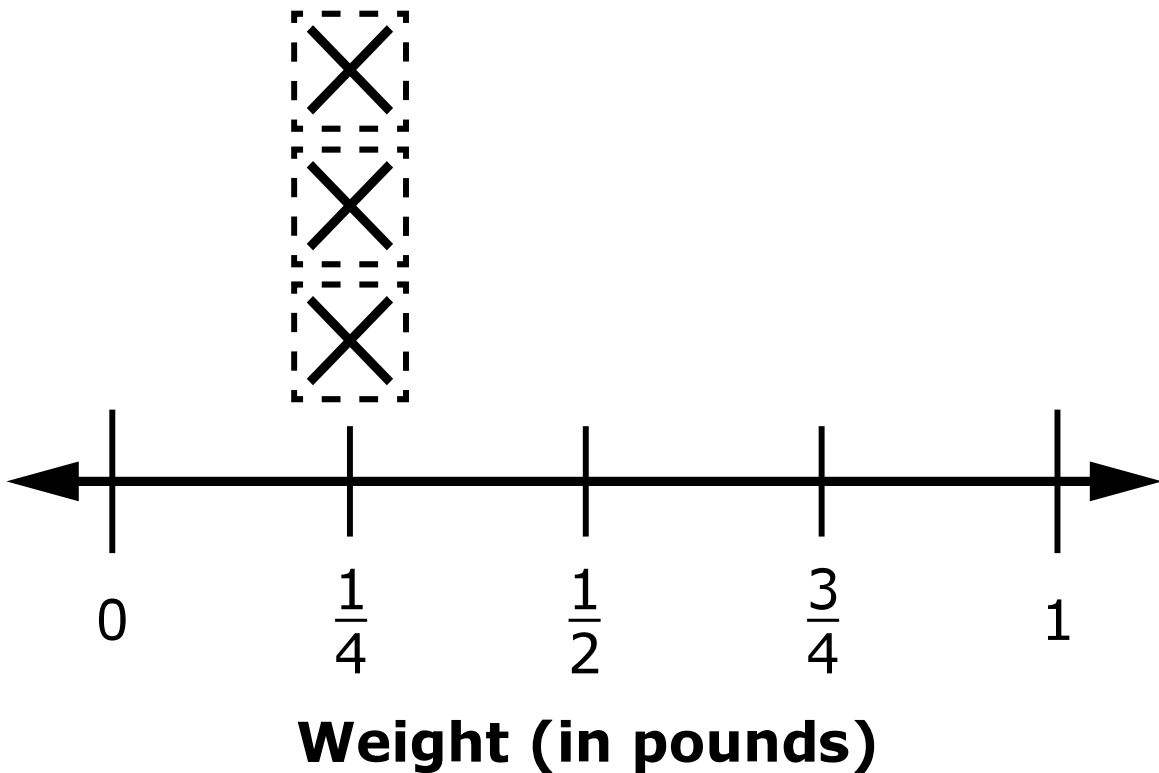
B. $2 + 4 = 6$

C. $2 \times 2 = 4$

Kitten Weight

Weight (in pounds)	Number of Kittens
$\frac{1}{4}$	3
$\frac{1}{2}$	2
$\frac{3}{4}$	1

Table 1, "Kitten Weight"

Provide students with the line plot and the X tiles. The following will need to be reproduced and cut out for student use.

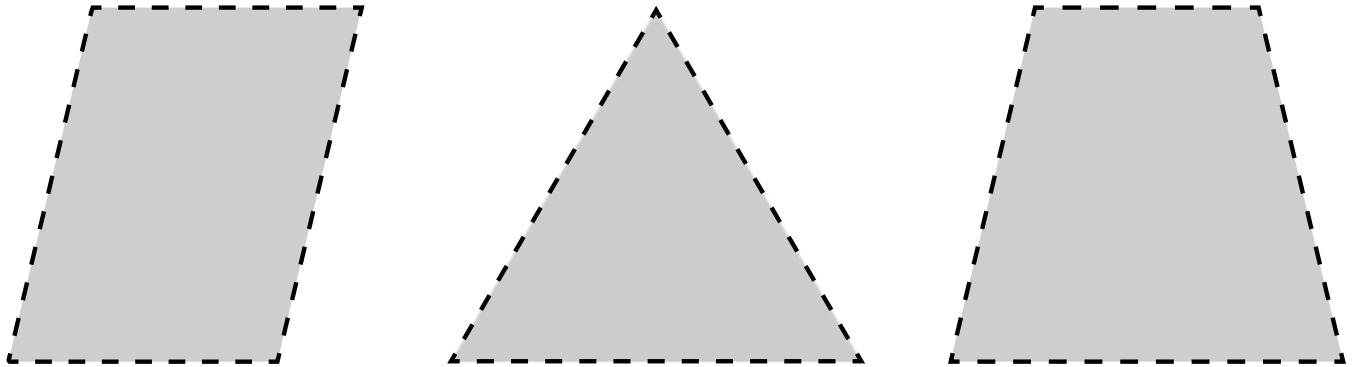# Kitten Weight

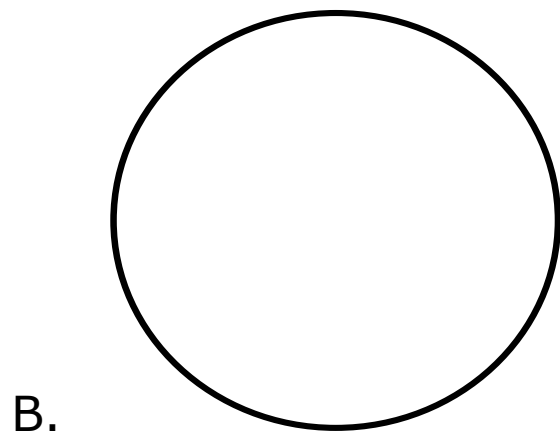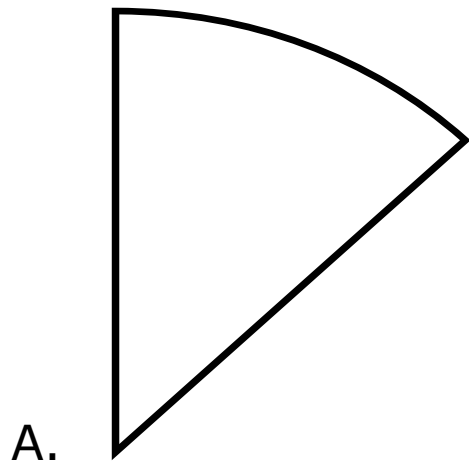

Weight (in pounds)

A. 800

B. 850

C. 900

Session 1 – Item 18

Provide students with Incomplete Chart 1, "4 Angles" and shapes. The following will need to be reproduced and cut out for student use.
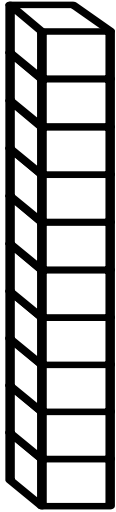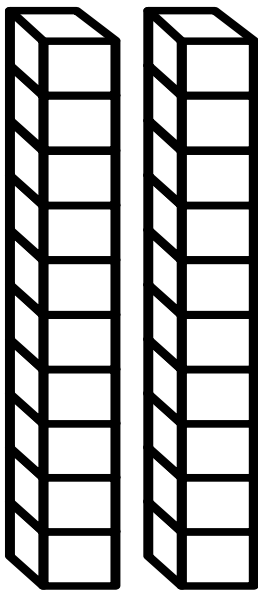
4 Angles

A.

B.

A.

B.

Session 2

A. $\dfrac{6}{6}$

B. $\dfrac{1}{6}$

Diagram 2 of Dimes, Groups of Dimes, and Pens

A. 3 pens

B. 4 pens

C. 6 pens

Reading Time

Time (in hours)	Number of days
1	4
$1\frac{1}{2}$	2
2	1

Table 2, "Reading Time"

Session 2 – Item 23

Provide students with the line plot and the X tiles. The following will need to be reproduced and cut out for student use.

Reading Time

Time (in hours)
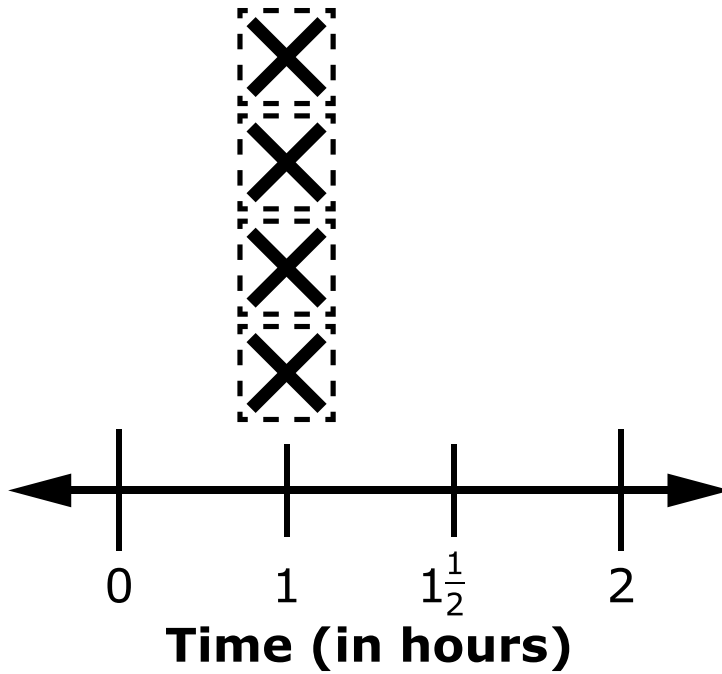
Session 2 – Item 24 Answer Options

A. $\dfrac{5}{12}$

B. $\dfrac{10}{12}$

C. $\dfrac{11}{12}$

Session 2 – Item 25

Provide student with Incomplete Chart 2, "Shapes with At Least One Obtuse Angle" and Shapes. The following will need to be reproduced and cut out for student use.

Shapes with At Least One Obtuse Angle	Shapes with No Obtuse Angles

A. 7 feet

B. 12 feet

C. 14 feet

Diagram 3 of Flowers

A. 11 flowers

B. 24 flowers

C. 38 flowers

A. 2 erasers

B. 6 erasers

C. 10 erasers

A. 7,000

B. 7,500

C. 8,000

A.
$$\frac{1}{5}$$

B.
$$\frac{2}{5}$$

C.
$$\frac{3}{5}$$

A. 10 feet

B. 14 feet

C. 20 feet

A. 15 books

B. 13 books

C. 8 books
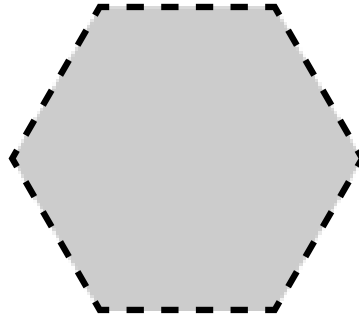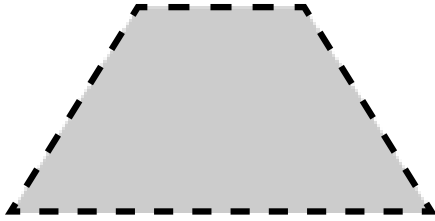
A. $\dfrac{3}{5} = \dfrac{3}{8}$

B. $\dfrac{3}{5} < \dfrac{3}{8}$
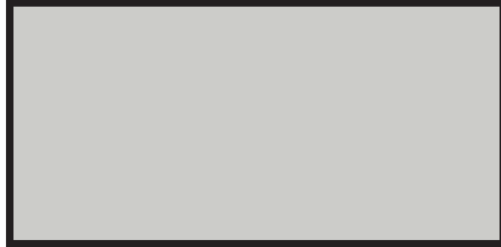
C. $\dfrac{3}{5} > \dfrac{3}{8}$

Session 2 – Item 34

Provide student with Incomplete Chart 3, "4 Sides" and shapes. The following will need to be reproduced and cut out for student use.

4 Sides

Incomplete Chart "4 Sides" and Shapes

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