Released Items

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NCEXTEND1
Grade 4 Mathematics

Public Schools of North Carolina
Department of Public Instruction | State Board of Education
Division of Accountability Services/North Carolina Testing Program

Item 1

Test Cards: Provided by NCDPI

- Stimulus: a scripted graphic showing 15 eggs
- Stem: "How many eggs does Sam have left?"
- A: 8
- B: 9
- C: 21

*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says: **"This shows 15 eggs. Sam used 6 eggs to make cookies."**
- The assessor presents and reads the stem.
- The assessor says: **"How many eggs does Sam have left?"**
- The assessor presents the answer choices in the following order (*Choice A*, *Choice B*, *Choice C*).
- The assessor says: (A) **"8"** (B) **"9"** (C) **"21"**
- The assessor says: **"How many eggs does Sam have left? Select an answer."**
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.

Trial 2
• The assessor presents and reads the stimulus. • The assessor says: **"Let's try again. This shows 15 eggs. Sam used 6 eggs to make cookies."** • The assessor presents and reads the stem. • The assessor says: **"How many eggs does Sam have left?** • The assessor presents the answer choices in the following order. *If A was removed* The assessor says: (B) **"9"** (C) **"21"** *If C was removed* The assessor says: (A) **"8"** (B) **"9"** • The assessor says: **"How many eggs does Sam have left? Select an answer."** • The assessor and student continue to the next item.

Item 2

Test Cards: Provided by NCDPI

- Stem: "Which heart shows a line of symmetry?"
- A: a picture of a heart with a diagonal line
- B: a picture of a heart with a horizontal line
- C: a picture of a heart with a vertical line

*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stem.
- The assessor says: **"Which heart shows a line of symmetry?"**
- The assessor presents the answer choices in the following order (*Choice A*, *Choice B*, *Choice C*).
- The assessor says: **"Which heart shows a line of symmetry? Select an answer."**
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.

Trial 2
• The assessor presents and reads the stem. • The assessor says: **"Let's try again. Which heart shows a line of symmetry?"** • The assessor presents the answer choices in the following order. *If A was removed, the assessor presents B, then C.* *If B was removed, the assessor presents A, then C.* • The assessor says: **"Which heart shows a line of symmetry? Select an answer."** • The assessor and student continue to the next item.

Item 3

Test Cards: Provided by NCDPI

- Stimulus: a scripted graphic presenting a number line from 10 to 30
- Stem: "What is 16 rounded to the nearest ten?"
- A: 10
- B: 20
- C: 30

*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says: **"This shows 16 on a number line from 10 to 30."**
- The assessor presents and reads the stem.
- The assessor says: **"What is 16 rounded to the nearest ten?"**
- The assessor presents and reads the answer choices in the following order (*Choice A*, *Choice B*, *Choice C*).
- The assessor says: (A) **"10"** (B) **"20** (C) **"30"**
- The assessor says: **"What is 16 rounded to the nearest ten? Select an answer."**
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.

Trial 2
• The assessor presents and reads the stimulus. • The assessor says: **"Let's try again. This shows 16 on a number line from 10 to 30."** • The assessor presents and reads the stem. • The assessor says: **"What is 16 rounded to the nearest ten?"** • The assessor presents the answer choices in the following order. *If A was removed* The assessor says: (B) **"20"** (C) **"30"** *If C was removed* The assessor says: (A) **"10** (B) **"20"** • The assessor and says: **"What is 16 rounded to the nearest ten? Select an answer."** • The assessor and student continue to the next item.

Item 4

Test Cards: Provided by NCDPI

- Stem: "Which circle is $\frac{1}{2}$ shaded?"
- A: graphic of circle $\frac{1}{3}$ shaded
- B: graphic of circle $\frac{1}{4}$ shaded
- C: graphic of circle $\frac{1}{2}$ shaded

*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stem.
- The assessor says: **"Which circle is $\frac{1}{2}$ shaded?"**
- The assessor presents the answer choices in the following order (*Choice A*, *Choice B*, *Choice C*).
- The assessor says: **"Which circle is $\frac{1}{2}$ shaded? Select an answer."**
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.

Trial 2
• The assessor presents and reads the stem. • The assessor says: **"Let's try again. Which circle is $\frac{1}{2}$ shaded?"** • The assessor presents the answer choices in the following order. *If A was removed, the assessor presents B, then C.* *If B was removed, the assessor presents A, then C.* • The assessor says: **"Which circle is $\frac{1}{2}$ shaded? Select an answer."** • The assessor and student continue to the next item.

Item 5

Test Cards: Provided by NCDPI

- Stem: "Which shape has 5 angles?"
- A: pentagon
- B: rhombus
- C: square

*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

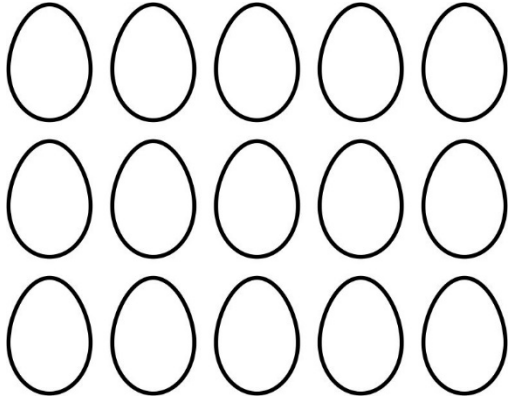
Trial 1

- The assessor presents and reads the stem.
- The assessor says: **"Which shape has 5 angles?"**
- The assessor presents and reads the answer choices in the following order (*Choice A*, *Choice B*, *Choice C*).
- The assessor says: (A) **"pentagon"** (B) **"rhombus"** (C) **"square"**
- The assessor says: **"Which shape has 5 angles? Select an answer."**
- If the student answers correctly, the assessor ends the presentation of the sample items.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.

Trial 2
• The assessor presents and reads the stem. • The assessor says: **"Let's try again. Which shape has 5 angles?"** • The assessor presents the answer choices in the following order. *If B was removed* The assessor says: (A) **"pentagon"** (C) **"square"** *If C was removed* The assessor says: (A) **"pentagon"** (B) **"rhombus"** • The assessor says: **"Which shape has 5 angles? Select an answer."** • The assessor ends the presentation of the sample items.

STOP

This shows 15 eggs.



Sam used 6 eggs to make cookies.

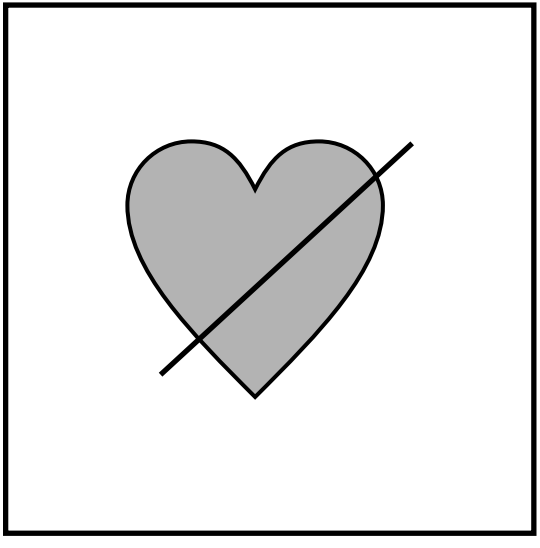
How many eggs does Sam have left?

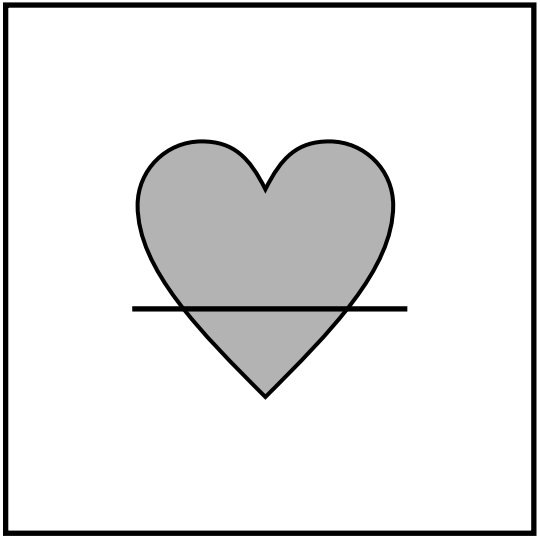
8

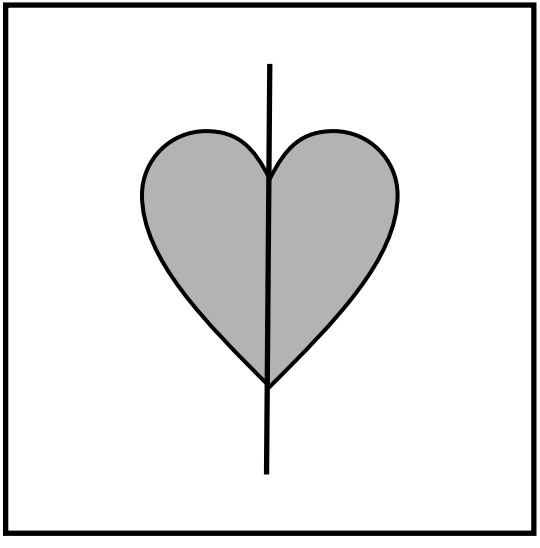
9

21

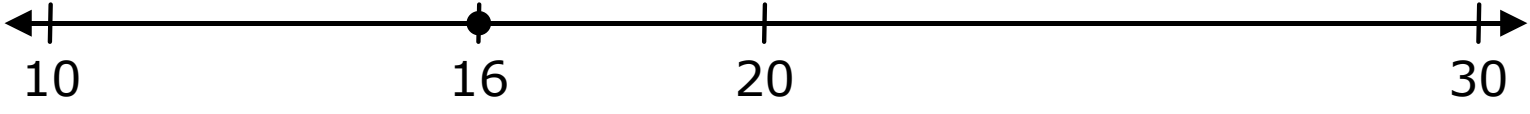
Which heart shows a line of symmetry?







This shows 16 on a number line from 10 to 30.



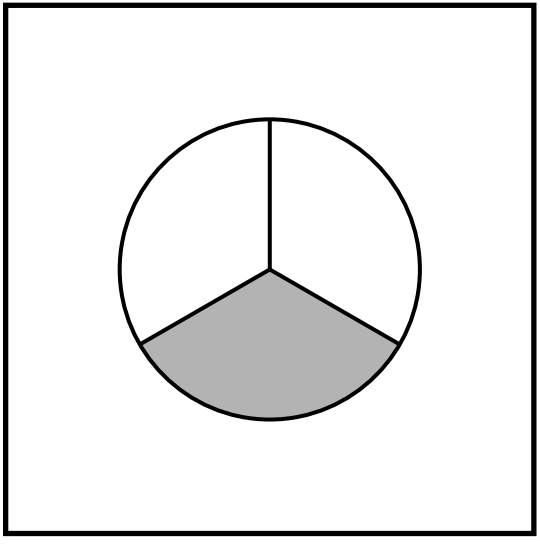
What is 16 rounded to the nearest ten?

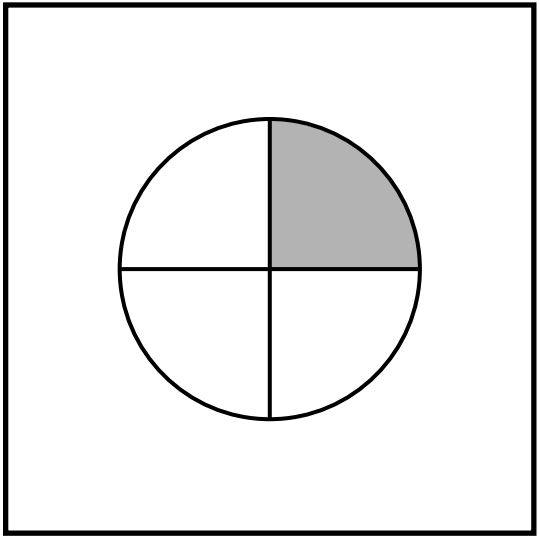
10

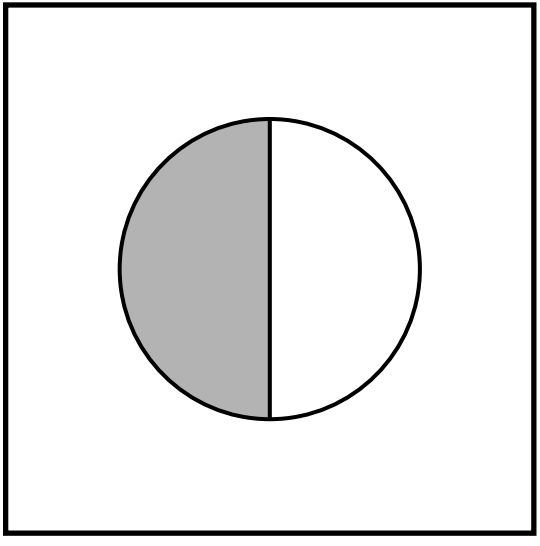
20

30

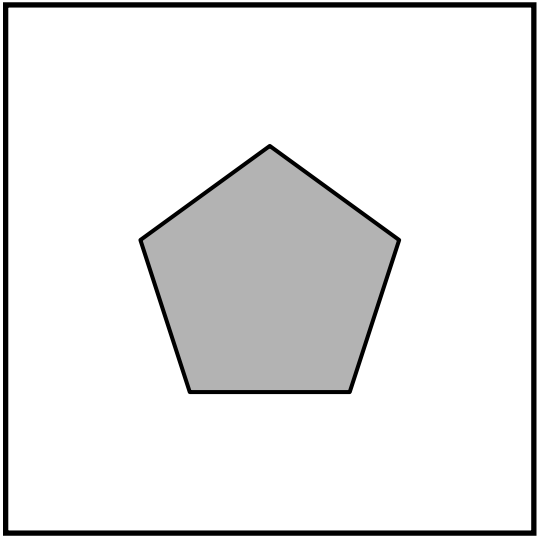
Which circle is $\frac{1}{2}$ shaded?



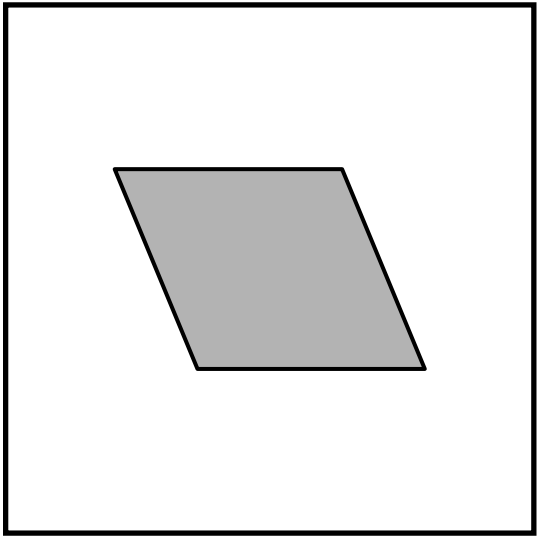




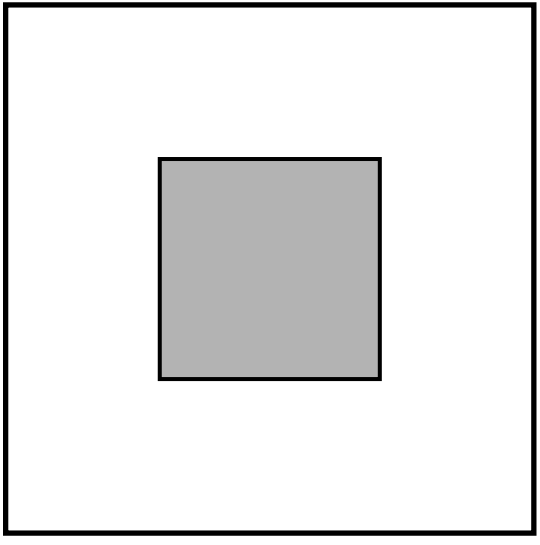
Which shape has 5 angles?



pentagon



rhombus



square