

1 Of the 25 students in Harold's class, 5 wear glasses and 20 do not. Which is the correct ratio of students who do wear glasses to students who do not wear glasses?

- A $\frac{1}{25}$
- B $\frac{5}{20}$
- C $\frac{5}{25}$
- D $\frac{20}{25}$

2 Marisa has a jar of jelly beans. There are 60 red jelly beans and 180 jelly beans that are not red. In simplest terms, what is the ratio of red jelly beans to jelly beans that are not red?

- F $\frac{1}{3}$
- G $\frac{1}{4}$
- H $\frac{3}{1}$
- J $\frac{4}{1}$

3 Charlotte's class has 21 girls and 14 boys. What is the ratio of girls to boys in her class?

- A 3 to 5
- B 5 to 7
- C 3 to 2
- D 2 to 5

4 Isaac has 55 pennies. Adam has 35 pennies. What is the ratio of Isaac's pennies to Adam's pennies?

- F 5 : 3
- G 3 : 1
- H 3 : 2
- J 11 : 7

5 When Sue makes banana bread, she uses a ratio of 3 bananas to 1 egg. Which of these shows possible numbers of bananas and eggs she could use?

- A 6 bananas, 4 eggs
- B 9 bananas, 3 eggs
- C 18 bananas, 9 eggs
- D 27 bananas, 3 eggs

GRADE 6 MATHEMATICS

(6.3) Patterns, relationships and algebraic thinking. The solves problems involving direct proportional situations. The student is expected to: (A) use ratios to describe proportional situations; (C) use ratios to make predictions in proportional situations.

NAME _____

DATE _____

SCORE ___/5

6.3A/6.3C Mini-Assessment

- If the ratio of dogs to cats at the animal shelter is 3 to 4, which of the following is the possible number of dogs and cats at the animal shelter?
 - 12 dogs, 15 cats
 - 15 dogs, 25 cats
 - 20 dogs, 15 cats
 - 15 dogs, 20 cats
- There are 15 teams and 50 people registered for a talent show. Which ratio accurately compares the number of people to the number of teams?
 - 3:5
 - 3:10
 - 10:3
 - 15:50
- The student council had a car wash to earn money for the officers to go to camp. They washed 12 cars in 30 minutes. How many cars will they wash in 2 hours?
 - 48
 - 24
 - 36
 - 60
- Millie's dog eats about 3 pounds of dog food every 4 days. About how much dog food will her dog eat in 29 days?
 - 21 pounds
 - 30 pounds
 - 40 pounds
 - 15 pounds
- A bird store has 24 parakeets and 30 parrots. What is the ratio of parrots to parakeets?
 - 6 to 4
 - 4 to 5
 - 5 to 4
 - 3 to 5