

**Math 6 - 6.1** [Exam ID:3470]

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1 **There are 30 red marbles and 150 blue marbles in a box. What is the ratio of blue marbles to red marbles?**

A  $\frac{30}{80}$

B  $\frac{150}{30}$

C  $\frac{30}{150}$

D  $\frac{180}{30}$

2 **The picture shows the number of stars Angie received from her piano teacher for practicing.**



**What is the ratio of the number of striped stars to black stars?**

F 6 to 10

G 3 to 4

H 4 to 3

J 4 to 10

3

Camelia's Grades

| Grade | Number Earned |
|-------|---------------|
| A     | 4             |
| B     | 3             |
| C     | 1             |

**According to the table, what is the ratio of the number of A's Camelia earned to the number of B's she earned?**

A 4:7

B 4:3

C 7:4

D 3:4

4

**The ratio of boys to girls in Room B is 15 to 12. What is the ratio of girls to *total* students in Room B ?**

F 12 to 15

G 15 to 27

H 15 to 12

J 12 to 27

5

**Calculators in  
Mrs. Camp's Class**

| Color  | Number |
|--------|--------|
| Red    | 14     |
| Blue   | 8      |
| Yellow | 6      |

**According to the table, which shows the ratio of the number of red calculators to the number of blue calculators?**

A  $\frac{14}{28}$

B  $\frac{8}{14}$

C  $\frac{8}{20}$

D  $\frac{14}{8}$

6 **Sam owns a canoe rental company with 120 boats. He has 55 wood boats, and the rest are fiberglass. What is the ratio of wood boats to fiberglass boats?**

F 120:65

G 120:55

H 55:65

J 65:55