ML8 Chapter 2 Get Ready Answers

BLM 2–2 Chapter 2 Get Ready

1. a) 3 to 6; 3 : 6; $\dfrac{3}{6}$ or $\dfrac{1}{2}$

b) 3 to 9; 3 : 9; $\dfrac{3}{9}$ or $\dfrac{1}{3}$

c) 6 to 9; 6 : 9; $\dfrac{6}{9}$ or $\dfrac{2}{3}$

2. a) white balls to black balls
b) white balls to total balls

3. a) Yes, because $\dfrac{6}{9}$ reduces to $\dfrac{2}{3}$

b) Yes, because $\dfrac{4}{20}$ reduces to $\dfrac{1}{5}$

c) No, because there is no common multiple of the numbers in the two fractions

d) Yes, because $\dfrac{10}{25}$ reduces to $\dfrac{2}{5}$

4. Answers will vary. These are examples.

a) $\dfrac{2}{8}$, $\dfrac{3}{12}$ **b)** $\dfrac{6}{16}$, $\dfrac{9}{24}$ **c)** $\dfrac{1}{3}$, $\dfrac{2}{6}$ **d)** $\dfrac{4}{22}$, $\dfrac{6}{33}$

5. a) 15 **b)** 6 **c)** 15 **d)** 4

6. Answers will vary. These are examples.

a) $\dfrac{14}{28} = \dfrac{7}{14}$, $\dfrac{1}{2}$, or $\dfrac{2}{4}$ **b)** $\dfrac{18}{24} = \dfrac{9}{12}$, $\dfrac{6}{8}$, or $\dfrac{3}{4}$

7. a) 3 **b)** 2 **c)** 10 **d)** $\dfrac{15}{20}$