

ML8 Chapter 6 Problems of the Week Answers

BLM 6–4 Chapter 6 Problems of the Week

1. **a)** Since the product for the first apple is $60\frac{11}{12}$ g, and the product for the second apple is $51\frac{2}{3}$ g, the first apple will have the largest bruise.
- b)** Answers will vary. Example: Other factors may be what kind of surface they fall on (rocks, grass, etc.).
2. **a)** $6\frac{1}{4}$ cm **b)** Team 1 card: $7\frac{1}{3}$ cm²,
Team 2 card: $6\frac{1}{3}$ cm², Team 3 card: $11\frac{1}{3}$ cm².
Team 3 card exceeds specifications.
3. 18 m
4. The pool is $\frac{7}{8}$ full. $\frac{1}{8}$ of the pool still needs to be filled.
5. **a)** 24 **b)** 6
6. The 10 cm × 12 cm and the 8 cm × 9.6 cm picture. Both of these ratios, when compared as a fraction, are equal to 0.83.
7. Dirk's mother is correct. He drank $\frac{21}{40}$ L of lemonade.
8. $\frac{7}{10}$ of the pool is pumped; $\frac{3}{10}$ still needs to be pumped; $1\frac{1}{2}$ h to empty the pool