

Chapter 5 Problem Wrap-Up

Student Text Page

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Suggested Timing

80 min

Related ResourcesBLM 5-16 Chapter 5 Problem
Wrap-Up Rubric

Teaching Suggestions

- Remind students to keep track of their solutions to the Chapter Problem questions. Discuss how the Chapter Problem questions relate to the Chapter Problem scenario.
- At this time, students can read each part of the Chapter Problem and discuss how they will design their own fountain.

Level 3 Sample Response

Answers may vary.

Level 3 Notes

Look for the following:

- appropriate design with minor errors
- understanding of quadratic relations
- understanding of problem-solving techniques
- organised solution and clear justification for responses
- effective use of mathematical terms

What Distinguishes Level 2

Look for the following:

- somewhat appropriate design with some significant errors
- some understanding of quadratic relations
- some understanding of problem-solving techniques, but difficulty in applying the techniques
- somewhat organised solution and some justification for responses
- somewhat effective use of mathematical terms

What Distinguishes Level 4

Look for the following:

- appropriate and detailed design with very few or no errors
- thorough understanding of quadratic relations
- highly effective use of problem-solving techniques
- highly organised solution and clear, accurate, and detailed justification for responses
- highly effective use of mathematical terms

Summative Assessment

- Use **BLM 5-16 Chapter 5 Problem Wrap-Up Rubric** to assess student achievement.