

Grade 6 Released 2019

Alberta Provincial Achievement Test

Mathematics

Part A

This document was written primarily for:

Students	✓	
Teachers	✓	Grade 6 Mathematics
Administrators	✓	
Parents		
General Audience		
Others		

Alberta Education, Government of Alberta

2019–2020

Mathematics 6 Released Alberta Provincial Achievement Test

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Please note that if you cannot access one of the direct website links referred to in this document, you can find provincial achievement test-related materials on the [Alberta Education website](#).

Introduction

This document contains a full release of the *2019 Grade 6 Mathematics Provincial Achievement Test Part A*.

A test blueprint and an answer key that includes the difficulty, reporting category, and item description for each question are also included. These materials, along with the [program of studies](#) and [subject bulletin](#), provide information that can be used to inform instructional practice.

Assessment Highlights provides information about the overall test, the test blueprint, and student performance on the provincial achievement test that was administered in 2019. Also provided is information on student performance at the acceptable standard and the standard of excellence on selected items from the *2019 Grade 6 Mathematics Provincial Achievement Test*. This information is intended for teachers and is best used in conjunction with multi-year and detailed school reports that are available to schools via the Stakeholder File Exchange (SFX). *Assessment Highlights* for all provincial achievement test subjects and grades are posted on the Alberta Education website every year in the fall.

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The Alberta Education Internet address is alberta.ca/education.aspx.

2019 Grade 6 Mathematics Provincial Achievement Test Part A Blueprint

The following blueprint shows the strand by which questions were classified on the 2019 Grade 6 Mathematics Provincial Achievement Test Part A.

Reporting Category: Number Operations	Level of Complexity	Number (Percentage) of Questions
	Low	
Addition	1, 8, 11	3 (20%)*
Subtraction	2, 6, 12, 14	4 (26.6%)*
Multiplication	3, 5, 9, 15	4 (26.6%)*
Division	4, 7, 10, 13	4 (26.6%)*
Number (Percentage) of Questions	15 (100%)	15 (100%)

*Percentages may not total 100% due to rounding.

Additional Information

The table below provides information about each question: the keyed response, the difficulty of the item (the percentage of students who answered the question correctly on the English form of the test), the reporting category, and the item description.

Item	Key	Correct Response %	Reporting Category	Item Description
1	78.2	90.9	A	N.2 - Solve a problem involving addition of decimal numbers, with regrouping (Gr.5, N.11)
2	22.7	64.1	S	N.2 - Solve a problem involving the subtraction of a whole number from a decimal number, without regrouping
3	702	68.9	M	N.2 - Solve a problem involving the multiplication of a 2-digit whole number by a 2-digit whole number (Gr.5, N.5)
4	76	73.7	D	N.2 - Solve a problem involving division of a whole number by a 1-digit divisor (Gr.5, N.6)
5	95.8	77.5	M	N.8 - Demonstrate an understanding of multiplication of a decimal by a 1-digit whole number multiplier
6	3.04	62.6	S	N.2 - Solve a problem involving the subtraction of decimal numbers, with regrouping (Gr.5, N.11)
7	22.1	79.6	D	N.8 - Demonstrate an understanding of division of a decimal by a 1-digit natural number divisor
8	9.29	69.1	A	N.2 - Solve a problem involving the addition of a whole number and decimal numbers, with regrouping
9	1.84	71.3	M	N.8 - Demonstrate an understanding of multiplication of a decimal by a 1-digit whole number multiplier
10	2.07	57.5	D	N.8 - Demonstrate an understanding of division of a decimal by a 1-digit natural number divisor

Item	Key	Correct Response %	Reporting Category	Item Description
11	8.15	77.2	A	N.2 - Solve a problem involving addition of decimal numbers, with regrouping (Gr.5, N.11)
12	1.07	53.9	S	N.2 - Solve a problem involving the subtraction of a decimal number from a whole number, with regrouping
13	6.45	58.5	D	N.8 - Demonstrate an understanding of division of a decimal number by a 1-digit natural number divisor
14	4.51	72.9	S	N.2 - Solve a problem involving subtraction of decimal numbers, with regrouping (Gr.5, N.11)
15	52	73.0	M	N.8 - Demonstrate an understanding of multiplication of a decimal by a 1-digit whole number multiplier

2019 Grade 6 Mathematics Provincial Achievement Test Part A

The questions presented in this document are from the previously secured *2019 Grade 6 Mathematics Provincial Achievement Test Part A* and are representative of the questions that form provincial achievement tests. These questions are released by Alberta Education for teacher and student use.

Test items start on the next page.

1. What is $50.9 + 27.3$?

Answer: _____

2. What is $28.7 - 6$?

Answer: _____

3. What is 54×13 ?

Answer: _____

4. What is $456 \div 6$?

Answer: _____

5. What is 47.9×2 ?

Answer: _____

6. What is $6.8 - 3.76$?

Answer: _____

7. What is $88.4 \div 4$?

Answer: _____

8. What is $3 + 0.59 + 5.7$?

Answer: _____

9. What is 0.46×4 ?

Answer: _____

10. What is $14.49 \div 7$?

Answer: _____

11. What is $7.25 + 0.9$?

Answer: _____

12. What is $7 - 5.93$?

Answer: _____

13. What is $58.05 \div 9$?

Answer: _____

14. What is $8.50 - 3.99$?

Answer: _____

15. What is 10.4×5 ?

Answer: _____

*You have now completed the test.
If you have time, you may wish to check your answers.*