

Math Contest Summary by Grade Level

Grade 8:

- AMC 8 (8)
- Gauss (8)
- Math Challengers (8)
- Beaver Computing Challenge (7-8)

Grade 9:

- Pascal (9)
- Fryer (9)
- Math Challengers (9)

Grade 10:

- AMC 10 (10)
- Cayley (10)
- Galois (10)
- CIMC (8-10)
- Math Challengers (10)
- BCSS Math Contest (8-10)
- Beaver Computing Challenge (9-10)

Grade 11:

- Fermat (11)
- Hypatia (11)

Grade 12:

- Euclid (12)
- CSMC (11-12)
- COMC (8-12)
- BCSS Math Contest (11-12)
- AMC 12 (11-12)

Invitational:

- AIME
- CMO
- USAJMO
- USAMO

Grade 8

AMC 8 (American Math Contest 8):

When: November 13th, 2018

Registration deadline: October 29th, 2018

Format/rules: 25 equally valued short answer questions in 40 minutes.

Out of: 150

Grade(s) intended: 8

Difficulty (relative to grade): One of the harder grade 8 exams.

Gauss 8:

When: May 15th, 2019

Registration deadline: April 26th, 2019

Format/rules: 25 short answer questions done in 1 hour.

Out of: 150

Grade(s) intended: 8

Difficulty (relative to grade): One of the easier grade 8 exams.

Math Challengers 8:

When: February 23rd (Regionals) and April 7th (Provincials), 2019

Registration deadline: Mid December 2018

Format/rules: Each team is comprised of up to 5 members from the same school. Each member will receive an individual score comprised of 26 one point questions (50 minutes allotted), followed by 12 two point questions (36 minutes allotted), all of which are short answer. After that, they will compete in a team round which is comprised of 15 two point short answer questions, which is added to the team's individual members' average. If someone makes top 10, they will then move on to the faceoff round, where two people race to answer a question first. If the team makes top 3 (regionals) or an individual makes top 10, the team moves onto provincials, which follows the same format.

Out of: 50 for individual, 80 for team.

Grade(s) intended: 8

Difficulty (relative to grade): One of the harder grade 8 contests.

Beaver Computing Challenge:

When: November 5th to November 19th, 2018

Registration deadline: October 28th, 2018

Format/rules: 15 short answer questions in 1 hour.

Out of: 90

Grade(s) intended: 8

Difficulty (relative to grade): One of the easier grade 8 contests.

Grade 9

Pascal:

When: February 26th, 2019

Registration deadline: February 8th, 2019

Format/rules: 25 short answer questions done in 1 hour.

Out of: 150

Grade(s) intended: 9

Difficulty (relative to grade): One of the easier grade 9 contests.

Fryer:

When: April 10th, 2019

Registration deadline: March 22nd, 2019

Format/rules: 4 questions, partially full solution, partially short answer, 75 minutes.

Out of: 40

Grade(s) intended: 9

Difficulty (relative to grade): One of the medium difficulty grade 9 contests.

Math Challengers 9:

When: February 23rd (Regionals) and April 7th (Provincials), 2019

Registration deadline: Mid December 2018

Format/rules: Each team is comprised of up to 5 members from the same school. Each member will receive an individual score comprised of 26 one point questions (50 minutes allotted), followed by 12 two point questions (36 minutes allotted), all of which are short answer. After that, they will compete in a team round which is comprised of 15 two point short answer questions, which is added to the team's individual members' average. If someone makes top 10, they will then move on to the faceoff round, where two people race to answer a question first. If the team makes top 3 (regionals) or an individual makes top 10, the team moves onto provincials, which follows the same format.

Out of: 50 for individual, 80 for team.

Grade(s) intended: 9

Difficulty (relative to grade): One of the harder grade 9 contests.

Grade 10

AMC 10 (American Math Contest 10):

When: February 7th and 13th, 2019

Registration deadline: January 25th, 2019

Format/rules: 25 equally valued short answer questions in 75 minutes.

Out of: 150

Grade(s) intended: 8-10

Difficulty (relative to grade): One of the hardest grade 10 exams.

Cayley:

When: February 26th, 2019

Registration deadline: February 8th, 2019

Format/rules: 25 short answer questions done in 1 hour.

Out of: 150

Grade(s) intended: 10

Difficulty (relative to grade): One of the easier grade 10 contests.

Galois:

When: April 10th, 2019

Registration deadline: March 22nd, 2019

Format/rules: 4 questions, partially full solution, partially short answer, 75 minutes.

Out of: 40

Grade(s) intended: 10

Difficulty (relative to grade): One of the medium difficulty grade 10 contests.

CIMC (Canadian Intermediate Math Contest):

When: November 21st, 2018

Registration deadline: November 2nd, 2018

Format/rules: 9 questions; 6 are short answer, 3 are full solution, 2 hours.

Out of: 60

Grade(s) intended: 8-10

Difficulty (relative to grade): One of the medium difficulty grade 10 contests.

Beaver Computing Challenge:

When: November 5th to November 19th, 2018

Registration deadline: October 28th, 2018

Format/rules: 15 short answer questions in 1 hour.

Out of: 90

Grade(s) intended: 9-10

Difficulty (relative to grade): One of the easier grade 10 contests.

Math Challengers 10:

When: February 23rd (Regionals) and April 7th (Provincials), 2019

Registration deadline: Mid December 2018

Format/rules: Each team is comprised of up to 5 members from the same school. Each member will receive an individual score comprised of 26 one point questions (50 minutes allotted), followed by 12 two point questions (36 minutes allotted), all of which are short answer. After that, they will compete in a team round which is comprised of 15 two point short answer questions, which is added to the team's individual members' average. If someone makes top 10, they will then move on to the faceoff round, where two people race to answer a question first. If the team makes top 3 (regionals) or an individual makes top 10, the team moves onto provincials, which follows the same format.

Out of: 50 for individual, 80 for team.

Grade(s) intended: 10

Difficulty (relative to grade): One of the harder grade 10 contests.

BC Secondary School Junior Math Contest:

When: Not available

Registration deadline: Not available

Format/rules: 12 question school round, top three go to Capilano to compete against other schools (individually).

Out of: 12 for school, 100 for Capilano.

Grade(s) intended: 8-10

Difficulty (relative to grade): One of the harder grade 10 contests.

Grade 11

Fermat:

When: February 26th, 2019

Registration deadline: February 8th, 2019

Format/rules: 25 short answer questions done in 1 hour.

Out of: 150

Grade(s) intended: 11

Difficulty (relative to grade): One of the easier grade 11 contests.

Hypatia:

When: April 10th, 2019

Registration deadline: March 22nd, 2019

Format/rules: 4 questions, partially full solution, partially short answer, 75 minutes.

Out of: 40

Grade(s) intended: 11

Difficulty (relative to grade): One of the medium difficulty grade 11 contests.

Grade 12

AMC 12 (American Math Contest 12):

When: February 7th and 13th, 2019

Registration deadline: January 25th, 2019

Format/rules: 25 equally valued short answer questions in 75 minutes.

Out of: 150

Grade(s) intended: 11-12

Difficulty (relative to grade): One of the hardest grade 12 exams.

Euclid:

When: April 3rd, 2019

Registration deadline: March 18th, 2019

Format/rules: 10 questions, some short answer, some full solution, 2.5 hours.

Out of: 100

Grade(s) intended: 12

Difficulty (relative to grade): One of the medium difficulty grade 12 contests.

CSMC (Canadian Senior Math Contest):

When: November 21st, 2018

Registration deadline: November 2nd, 2018

Format/rules: 9 questions; 6 are short answer, 3 are full solution, 2 hours.

Out of: 60

Grade(s) intended: 11-12

Difficulty (relative to grade): One of the medium difficulty grade 12 contests.

BC Secondary School Senior Math Contest:

When: Not available

Registration deadline: Not available

Format/rules: 12 question school round, top three go to Capilano to compete against other schools (individually).

Out of: 12 for school, 100 for Capilano.

Grade(s) intended: 11-12

Difficulty (relative to grade): One of the harder grade 12 contests.

COMC (Canadian Open Math Contest):

When: November 8th, 2018

Registration deadline: October 24th, 2018

Format/rules: 12 questions, some short answer, some full solution, 2.5 hours.

Out of: 80

Grade(s) intended: 8-12

Difficulty (relative to grade): One of the hardest math contests for all grades.

Invitational Contests

CMO (Canadian Math Olympiad):

How to qualify: Place top 75 on COMC (in the country)

Grade intended: All grades.

Significance: This is the path needed to get on the Canadian math team (top 6)

AIME (American Invitational Mathematics Examination):

How to qualify: Place top 2.5% or 5% globally on AMC 10 or 12 respectively.

Grade intended: All grades.

Significance: This is the path needed to get to USAMO/USAJMO

USAMO (U.S.A Math Olympiad):

How to qualify: Place top 200 combined score worldwide on AMC 12 and AIME.

Grade intended: All grades.

Significance: This is the path needed to get to the American math team.

USAJMO (U.S.A Junior Math Olympiad):

How to qualify: Place top 200 combined score worldwide on AMC 10 and AIME.

Grade intended: Under grade 10

Significance: This is the path needed to get noticed by the American math team.