

# Graded Online Maths

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22nd May 2020

## Addition

- A30. Sums up to 5
- A31. Sums up to 7
- A32. Sums up to 10
- A33. Sums up to 20
- A34. Sums of 3 numbers up to 10
- A35. Sums of 3 numbers up to 20
- A36. Add multiples of 10
- A37. Sums up to 100
- A38. Add 3-digit numbers
- A39. Sums up to 200
- A40. Add multiples of 100
- A41. Add 2 numbers up to 3 digits each
- A42. Add 2 or 3 numbers up to 3 digits each
- A43. Add 2 numbers up to 4 digits each
- A44. Add 2 numbers with 3 or more digits
- A45. Properties of Addition
- A46. Add 2 or 3 numbers up to 5 digits each
- A47. Add whole numbers up to millions

## Subtraction

- S30. Subtractions up to 5
- S31. Subtractions up to 7
- S32. Subtractions up to 10
- S33. Subtractions up to 20
- S34. Subtract tens
- S35. Subtract tens from 2-digit numbers
- S36. Subtract 2-digit numbers without regrouping
- S37. Subtract 2-digit numbers
- S38. Subtract hundreds
- S39. Subtract numbers up to 3 digits
- S40. Subtract numbers with 3 or more digits
- S41. Subtract numbers with 4 or more digits

## Multiplication

- M30. Multiplication tables for 0, 1, 10, and 11
- M31. Multiplication tables for 2, 3, 4, and 5
- M32. Multiplication tables for 6, 7, 8, and 9
- M33. Multiplication tables up to 10
- M34. Multiply by 2 I
- M35. Multiply by 2 II
- M36. Multiply by 3 I
- M37. Multiply by 3 II
- M38. Multiply by 4 I
- M39. Multiply by 4 II
- M40. Multiply by 5 I
- M41. Multiply by 5 II

- M42. Multiply by 6 I
- M43. Multiply by 6 II
- M44. Multiply by 7 I
- M45. Multiply by 7 II
- M46. Multiply by 8 I
- M47. Multiply by 8 II
- M48. Multiply by 9 I
- M49. Multiply by 9 II
- M50. Multiply by 2, 3, or 4 I
- M51. Multiply by 3, 4, or 5 I
- M52. Multiply by 4, 5, or 6 I
- M53. Multiply by 5, 6, or 7 I
- M54. Multiply by 6, 7, or 8 I
- M55. Multiply by 7, 8, or 9 I
- M56. Multiply by 2, 3, ..., 9 I
- M57. Multiply by 2, 3, or 4 II
- M58. Multiply by 3, 4, or 5 II
- M59. Multiply by 4, 5, or 6 II
- M60. Multiply by 5, 6, or 7 II
- M61. Multiply by 6, 7, or 8 II
- M62. Multiply by 7, 8, or 9 II
- M63. Multiply by 2, 3, ..., 9 II
- M64. Properties of Multiplication
- M65. Multiply numbers ending in zeros
- M66. Multiply 2-digit numbers by 2-digit numbers
- M67. Multiply 2-digit numbers by 3-digit numbers
- M68. Multiply 2- or 3-digit numbers
- M69. Multiply 2-digit numbers by larger numbers I
- M70. Multiply 2-digit numbers by larger numbers II
- M71. Multiply 3-digit numbers by larger numbers I
- M72. Multiply 3-digit numbers by larger numbers II
- M73. Multiply a decimal by a power of ten
- M74. Multiply a decimal by a one-digit whole number
- M75. Multiply decimals and whole numbers
- M76. Multiply decimals I
- M77. Multiply decimals II

## Division of whole numbers

- D30. Exact division with quotients up to 5
- D31. Exact division with quotients up to 10
- D32. Exact division with quotients up to 12
- D33. Divide numbers ending in zeros
- D34. Divide two-digit by one-digit numbers

- D35. Divide by one-digit numbers I
- D36. Divide by one-digit numbers II
- D37. Divide by multiples of ten
- D38. Divide by two-digit numbers
- D39. Divide by three-digit numbers

## Mixed operations

- O30. Mixed operations (+, -) up to 5
- O31. Mixed operations (+, -) up to 7
- O32. Mixed operations (+, -) up to 10
- O33. Mixed operations (+, -) up to 20
- O34. Mixed operations (+, -) up to 200
- O35. Mixed operations (+, -, ×)
- O36. Mixed operations (4+4, 4-4, 4×1, 2÷1)
- O37. Mixed operations (5+5, 5-5, 5×1, 2÷1)
- O38. Mixed operations (5+5, 5-5, 5×1, 3÷1)
- O39. Mixed operations (5+5, 5-5, 5×1, 5÷1)
- O40. Mixed operations (5+5, 5-5, 4×2, 5÷1)
- O41. Mixed operations (5+5, 5-5, 5×3, 5÷1)
- O42. Mixed operations (5+5, 5-5, 5×3, 5÷2)
- O43. Mixed operations (5+5, 5-5, 5×3, 5÷3)

## Fractions

- F37. Simplify fractions I
- F38. Simplify fractions II
- F39. Simplify fractions III
- F40. Add and subtract fractions with like denominators
- F41. Add fractions with unlike denominators
- F42. Add and subtract fractions with unlike denominators I
- F43. Add and subtract fractions with unlike denominators II
- F44. Add and subtract three fractions
- F45. Multiply two fractions
- F46. Multiply three or more fractions
- F47. Divide two fractions

## Geometry

- G40. Area and perimeter of rectangles
- G41. Area and perimeter of rectangles (imperial units)
- G42. Area of parallelograms and triangles
- G43. Area of parallelograms and triangles (imperial units)
- G45. Area and perimeter of circles

- G46. Area and perimeter of circles (imperial units)

## Rounding

- R30. Round to the nearest ten
- R31. Round to the nearest ten or hundred
- R32. Round to the nearest ten, hundred, or thousand

## Roman numerals

- R60. Convert Roman numerals I
- R61. Convert Roman numerals II
- R62. Convert Roman numerals III
- R63. Convert Roman numerals IV
- R64. Convert Roman numerals V
- R65. Convert Roman numerals VI

## Unit Conversion

- U01. Convert m to cm and mm
- U02. Convert m to dm, cm, and mm
- U03. Convert km to m and mm
- U04. Convert km to m, dm, cm, and mm
- U05. Convert km to hm, dam, and m
- U06. Convert from km all the way down to mm
- U07. Convert cm and mm to m
- U08. Convert m to cm, mm, and back
- U09. Convert m to dm, cm, mm, and back
- U10. Convert m and mm to km
- U11. Convert m, dam, and hm to km
- U12. Convert dm, cm, and mm to km
- U13. Convert from mm all the way up to km
- U14. Convert tonnes to kilograms, and back
- U15. Convert metric units of length, mass, and volume
- U16. Convert metric units of length, mass, and volume
- U17. Convert between common metric speed units
- U18. Convert between common metric area units
- U19. Convert between metric area units I
- U20. Convert between metric area units II
- U21. Convert between metric volume units
- U22. Fractional units of measure