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| Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 | Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 |
| Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 | Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 |
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| Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 | Solve:  1) a + 8 = 5  2) b – 6 = 2  3) c + 4 = 1 |
| Solve:  1) 2x = 8  2) 4y = -12  3) 7z = 91 | Solve:  1) 2x = 8  2) 4y = -12  3) 7z = 91 |
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| Solve:  1) 2m + 3 = 9  2) 5n – 6 = 19  3) 7p + 4 = -10 | Solve:  1) 2m + 3 = 9  2) 5n – 6 = 19  3) 7p + 4 = -10 |
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| Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 | Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 |
| Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 | Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 |
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| Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 | Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 |
| Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 | Solve:  1) 3x + 3 = 5x – 1  2) 4g + 2 = 2g - 4 |
| Make x the subject:  ax + 2 = y  Make m the subject:  4m – n = nm + p | Make x the subject:  ax + 2 = y  Make m the subject:  4m – n = nm + p |
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| Solve:  4x + 2y = 2  3x – 5y = -18 | Solve:  4x + 2y = 2  3x – 5y = -18 |
| Solve:  4x + 2y = 2  3x – 5y = -18 | Solve:  4x + 2y = 2  3x – 5y = -18 |
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| The number of bees in a beehive at the start of year n is Pn. The number of bees in the beehive at the start of the following year is given by  Pn + 1 = 1.05(Pn − 250)  At the start of 2015 there were 9500 bees in the beehive. How many bees will there be in the beehive at the start of 2018? | The number of bees in a beehive at the start of year n is Pn. The number of bees in the beehive at the start of the following year is given by  Pn + 1 = 1.05(Pn − 250)  At the start of 2015 there were 9500 bees in the beehive. How many bees will there be in the beehive at the start of 2018? |
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| Factorise and solve:  1) x² + 8x + 12 = 0  2) x² - 3x – 18 = 0  3) x² - 12x + 36 = 0 | Factorise and solve:  1) x² + 8x + 12 = 0  2) x² - 3x – 18 = 0  3) x² - 12x + 36 = 0 |
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| Factorise and solve:  1) 6x² + 23x + 20 = 0  2) 15x² - 29x – 14 = 0 | Factorise and solve:  1) 6x² + 23x + 20 = 0  2) 15x² - 29x – 14 = 0 |
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| Use the quadratic formula to solve:  3x² + 6x – 13 = 0 | Use the quadratic formula to solve:  3x² + 6x – 13 = 0 |
| Use the quadratic formula to solve:  3x² + 6x – 13 = 0 | Use the quadratic formula to solve:  3x² + 6x – 13 = 0 |
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| Use the quadratic formula to solve:  3x² + 6x – 13 = 0 | Use the quadratic formula to solve:  3x² + 6x – 13 = 0 |
| a) Express x² - 4x – 7 in the form  (x + a)² + b where a and b are integers.  b) Use your answer to part (a) to solve  x² - 4x – 7 = 0 | a) Express x² - 4x – 7 in the form  (x + a)² + b where a and b are integers.  b) Use your answer to part (a) to solve  x² - 4x – 7 = 0 |
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| Solve: | Solve: |
| Solve: | Solve: |
| Solve: | Solve: |
| Solve: | Solve: |
| Solve: | Solve: |
| Solve: | Solve: |
| Solve: | Solve: |
| Solve the equations  x² + y² = 36  x = 2y + 6 | Solve the equations  x² + y² = 36  x = 2y + 6 |
| Solve the equations  x² + y² = 36  x = 2y + 6 | Solve the equations  x² + y² = 36  x = 2y + 6 |
| Solve the equations  x² + y² = 36  x = 2y + 6 | Solve the equations  x² + y² = 36  x = 2y + 6 |
| Solve the equations  x² + y² = 36  x = 2y + 6 | Solve the equations  x² + y² = 36  x = 2y + 6 |
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