

ArithmeticCode JUNIOR

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Find the value of each symbol by doing the arithmetic. Replace each symbol with the letter which corresponds to its value to find the *ArithmeticCode* word.

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| O | P | Q | R | S | T | U | V | W | X | Y | Z | | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |

001 Category: Farming See answer H3

- i $(5 \times 7) - (14 \times 2) = \blacklozenge$
- ii $(\blacklozenge + 20) \div (\blacklozenge - 4) = \bullet$
- iii $\bullet \times (\blacklozenge - 5) = \blacklozenge$
- iv $(\blacklozenge - \blacklozenge) + (\bullet \div 3) = \square$
- v $(\square \div \blacklozenge) - (\blacklozenge - 17) = \blacksquare$

The *ArithmeticCode* word is :

\blacklozenge \blacklozenge \blacksquare \bullet \square

002 Category: Location See answer I5

- i $(4 \times 6) \div (16 \div 8) = \blacksquare$
- ii $(\blacksquare + 3) \div (\blacksquare - 9) = \bullet$
- iii $(\bullet \times \bullet) - (\blacksquare \div 6) = \square$
- iv $(\square + \bullet + \blacksquare) \div (\square - 3) = \blacklozenge$
- v $\blacklozenge + \square - \blacksquare + 2 = \blacklozenge$

The *ArithmeticCode* word is :

\blacklozenge \bullet \blacksquare \blacklozenge \square

003 Category: Thinking See answer D1

- i $(7 \times 8) - (21 \times 2) = \square$
- ii $(\square - 10) \div (\square - 12) = \blacklozenge$
- iii $(\blacklozenge \times \square) \div (4 \times 7) = \bullet$
- iv $(\blacklozenge + \bullet) \times (\bullet + \blacklozenge) = \blacksquare$
- v $(\blacksquare \times \blacklozenge) - (\square - 14) = \blacklozenge$

The *ArithmeticCode* word is :

\blacklozenge \blacklozenge \bullet \blacksquare \square

004 Category: Name See answer F4

- i $(36 \div 9) + (2 \times 5) = \blacklozenge$
- ii $(\blacklozenge - 9) - (\blacklozenge - 10) = \bullet$
- iii $(\bullet + \blacklozenge) - (44 \div 4) = \blacklozenge$
- iv $(\blacklozenge \times \blacklozenge) \div (\blacklozenge + 3) + 1 = \square$
- v $\square - \bullet + \blacklozenge - 10 = \blacksquare$

The *ArithmeticCode* word is :

\blacksquare \square \blacklozenge \blacklozenge \bullet

005 Category: Quite Quick See answer B7

- i $(19 - 5) + (16 \div 8) = \square$
- ii $(\square \times 4) - (11 \times 5) = \blacklozenge$
- iii $(\square - \blacklozenge) \times (\blacklozenge - 5) - 3 = \bullet$
- iv $(\bullet \div 5) + (\bullet - \square) + (\square \div 8) = \blacklozenge$
- v $(\blacklozenge - \square) + (\bullet + 1) = \blacksquare$

The *ArithmeticCode* word is :

\blacksquare \blacklozenge \blacklozenge \square \bullet

006 Category: Color See answer C4

- i $(17 - 5) + (32 \div 4) = \blacklozenge$
- ii $(\blacklozenge \div 5) \times (\blacklozenge \div 10) = \blacklozenge$
- iii $(\blacklozenge + \blacklozenge + \blacklozenge) \div (\blacklozenge \div 2) = \bullet$
- iv $(\bullet \times \blacklozenge) - (\blacklozenge + \blacklozenge + \bullet) = \square$
- v $(\square + \blacklozenge + 2) \div \bullet = \blacksquare$

The *ArithmeticCode* word is :

\square \blacklozenge \bullet \blacklozenge \blacksquare