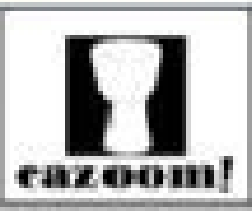


I'm not robot!

Factorising Expressions (B)
ANSWERS



Factorise the following quadratic expressions fully.

Section A

- 1)

$8x + 24$

$8(x + 3)$
- 2)

$15 + 25y$

$5(3 + 5y)$
- 3)

$32 - 40w$

$8(4 - 5w)$
- 4)

$18c - 36$

$18(c - 2)$
- 5)

$16d^2 - 4d$

$4d(4d - 1)$
- 6)

$12s + 60s^2$

$12s(1 + 5s)$
- 7)

$21xy + 14x$

$7x(3y + 2)$
- 8)

$27ab - 18a^2$

$9a(3b - 2a)$
- 9)

$12s^2t + 28s$

$4s(3s + 7)$
- 10)

$72wz + 45w^2z$

$9wz(8 + 5w)$
- 11)

$22x^2y - 55xy^2$

$11xy(2x - 5y)$
- 12)

$16k^3 + 24k^2$

$8k^2(2k + 3)$
- 13)

$9h^2g - 15h^3$

$3h^2(3g - 5h)$
- 14)

$12c^2d^2 + 20c^3$

$4c^2(3d^2 + 5c)$
- 15)

$28a^3b^2 - 7a^2b$

$7a^2b(4ab - 1)$
- 16)

$60x^2y^3 - 35xy^2$

$5xy^2(12xy - 7)$
- 17)

$88s^4t + 56s^3t^2$

$8s^3t(11s + 7t)$
- 18)

$36p^3q^4 - 48p^4q^2$

$12p^3q^2(3q^2 - 4p)$

Section B

- 1)

$6 - 12gh + 3h$

$3(2 - 4gh + h)$
- 2)

$21st - 7t + 14$

$7(3st - t + 2)$
- 3)

$22 - 44vw + 11v$

$11(2 - 4vw + v)$
- 4)

$4ab + 2b - abc$

$b(4a + 2 - ac)$
- 5)

$5suv - 10sv + 15su$

$5s(uv - 2v + 3u)$
- 6)

$16xy + 24y - 8xyz$

$8y(2x + 3 - xz)$
- 7)

$9wu - 27wuv + 45w$

$9w(u - 3uv + 5)$
- 8)

$24gh - 12g + 15h$

$3(8gh - 4g + 5h)$
- 9)

$132pqr - 96qr + 108pqrs$

$12qr(11p - 8 + 9ps)$
- 10)

$2x + xy - x^2$

$x(2 + y - x)$
- 11)

$5k^2 - 10jk + k$

$k(5k - 10j + 1)$
- 12)

$9cd - 3c^2d + 12c$

$3c(3d - cd + 4)$
- 13)

$7xyz + xy^2 - x^2y$

$xy(7z + y - x)$
- 14)

$e^2f - 5e^3f^2 + e^2$

$e^2(f - 5ef^2 + 1)$
- 15)

$8st^2u - 32s^2t + 64st$

$8st(tu - 4s + 8)$
- 16)

$12g^3h - 9g^2h^2 + 18g^2h$

$3g^2h(4g - 3h + 6)$
- 17)

$\frac{1}{2}ab - \frac{3}{4}a^2 - a$

$\frac{1}{4}a(2b + 3a - 4)$
- 18)

$\frac{3}{4}x^4y - x^2y^3 + \frac{1}{2}x^3y^2$

$\frac{1}{4}x^2y(3x^2 - 4y^2 + 2xy)$



Sentences & Punctuation:

- In very early manuscripts written by monks, no punctuation was used and this made it very difficult to read.
- Punctuation was introduced to divide up unbroken sections of text into small, easily understood parts.
- Punctuation marks such as . , ? ! all help to make writing more clear.

Using Quotations

Quotation Marks (sometimes called Speech Marks) are used to attribute the enclosed text to someone else. In other words, they tell the reader that the words inside have been said by a person or character.

A. In groups of 2 or 3, work out where the 4 pairs of quotation marks should be; then feedback to the class.

From Oliver Twist by Charles Dickens... the "I want some more" extract:

Oliver Twist and his companions suffered the tortures of slow starvation for three months. At last they got so voracious and wild with hunger, that one boy who was tall for his age, hinted darkly to his companions that unless he had another basin of gruel, he was afraid he might some night happen to eat the boy sleeping next to him, who happened to be a weakly youth of tender age. He had a wild, hungry eye and they implicitly believed him. A council was held; lots were cast for who should walk up to the master after supper that evening and ask for more; and it fell to Oliver Twist.

The evening arrived; the boys took their places. The master, in his cook's uniform, stationed himself at the copper; his pauper assistants ranged themselves beside him; the gruel was served out; and a long grace was said over short commons. The gruel disappeared; the boys whispered to each other and winked at Oliver; while his next neighbours nudged him. Child as he was, he was desperate with hunger, and reckless with misery. He rose from the table; and advancing to the master, basin and spoon in hand, said, somewhat alarmed at his own temerity,

"Please, sir, I want some more."

The master was a fat, healthy man; but he turned very pale. He gazed with stupefied astonishment on the small rebel for some seconds; and then clung for support to the copper. The assistants were paralyzed with wonder, the boys with fear.

"What?" said the master at length, in a faint voice.

"Please, sir," replied Oliver, "I want some more."

The master aimed a blow at Oliver's head with the ladle, pinioned him in his arms, and shrieked aloud for the beadle.

B. Now think of some words to go inside the following quotation marks:

Punctuation pyramid

Teaching ideas

This pyramid can be cut out and displayed on desks (ideally printed on card and enlarged), as a visual at-a-glance reminder of the range of punctuation marks students can use in their work.

As a punctuation starter, plenary or five minute focus, challenge students to use as many types of punctuation as they can (in a meaningful, accurate way). Use the numbers 1-5 as a scoring system, and encourage students to peer mark each other's work and award points as appropriate. Alternatively, change the numbers to match relevant assessment objectives or levels.

Try one of the following short writing tasks:

- You're on the first passenger flight! Write the moon. Write a postcard home.
- Write a recipe for a meal you'd cook for an enemy, in no more than 100 words.
- Explain how you send an email in five steps, for older adults who have never used a computer.
- Write a review of your favourite book or film: app game in five words.
- Argue in favour (or against) a ban on mobile phones in schools, in 75 words or less.
- Write a sentence about chocolate in 50 words, using as many forms of punctuation as you like (it must make sense).
- Write a microfiction story in 50 words, starting with, 'It had the weirdest... or, try any of the writing prompts on www.storybulletin.com
- Take an idiom ('barking up the wrong tree', 'an arm and a leg', 'crack someone up', 'excuse my French etc') and explain it for a foreign learner.
- Finish the following sentence: 'I had the power to change something, I would change...
- Write about the biggest lie you've ever told.
- Write a complex sentence, including the following objects: washing up liquid, a snail, New York and a sausage.
- Summarise a news report from today's news in 30 words.
- Imagine someone has written your autobiography. In 75 words, write the back cover blurb.
- 'You have enemies? Good. That means you've stood up for something, sometime in your life.' (Martin Luther King)
- Do you agree or disagree?

Punctuation worksheets ks3 with answers pdf.

22 reviews If I use properly, punctuation marks can greatly enhance the overall structure, organization, and clarity of writing. However, when used improperly, punctuation marks can become cumbersome, inhibiting the reader's ability to understand the material and establish order and flow. Moreover, an excess of punctuation marks can lead to the creation of run-on sentences - sentences in which two or more independent clauses (i.e., complete sentences) are joined without appropriate punctuation or conjunction. For these reasons, it is beneficial to learn how to properly use punctuation marks. Punctuation marks are symbols that indicate the structure and organization of written language, as well as intonation and pauses to be observed when reading aloud. In written English, punctuation is vital to disambiguate the meaning of sentences. For example, "woman, without her man, is nothing" (emphasizing the importance of men) and "woman: without her, man is nothing" (emphasizing the importance of women) have greatly different meanings, as do "eats shoots and leaves" (to mean "consumes plant growth") and "eats, shoots and leaves" (to mean "eats firstly, fires a weapon secondly, and leaves the scene thirdly"). King Charles walked and talked: half an hour after, his head was cut off. It is less surprising than "King Charles walked and talked half an hour after his head was cut off." The rules of punctuation vary with language, location, register and time and are constantly evolving. Certain aspects of punctuation are stylistic and are thus the author's choice. Tachygraphic language forms, such as those used in online chat and text messages, may have widely different rules. Below you'll find our complete list of printable punctuation worksheets outlining the most important aspects of English punctuation. These punctuation worksheets are clear, colorful, and of the highest quality. Scroll down this page to view specific descriptions of each punctuation exercise presented in this section. Below you'll find our complete list of punctuation worksheets. These worksheets are great for use in school or at home. We hope you find them useful. We appreciate your interest and support! Commas Worksheet Commas Worksheet Answers Commas Quiz Quotation Marks Worksheet Quotation Marks Quiz Apostrophes Worksheet Apostrophes Quiz Colons Worksheet Colons Worksheet Answers Semicolons Worksheet Semicolons Quiz Last updated 6 July 2021 Three short literacy worksheets about identifying and correctly punctuating direct and indirect speech, and converting between them. Ideal for year 5 (who are confident readers), year 6, and maybe year 7 and year 8. Works well as a starter, main SPAG activity, homework, home learning or cover work. The first sheet involves adding speech marks to sentences containing direct speech. The second sheet involves simply identifying whether a sentence is an example of direct or indirect speech. The third sheet involves converting between direct and indirect speech. I gave this as a starter for a cover lesson for my "top" year 5 class, and it was given as homework for another year 5 class. Children seemed to enjoy it, and it did help consolidate the correct punctuation of direct speech. I recommend this as a consolidation activity to children who have a firm understanding of written speech. I recommend giving this 15-20 minutes to complete. This resource features a variety of punctuation quizzes including questions involving commas and colons. Students must fill in the correct punctuation marks. This resource features a va... 141,982 Elem Sonali S Vinnakota • Business Grammar, Young Learners, Humor, Punctuation This worksheet contains four illustrations that explain the importance of using hyphens. Research has shown that visuals boost engagement levels among students and help with better assimilation an ... 2,12,511 Elem • Correcting Mistakes, Animals, Spelling, Punctuation Editing and proofreading are essential aspects of effective writing. Students read the passages carefully and thoroughly and rewrite the passages correctly on the lines provided. This is great pra... 9,47,036 Elem Belinda • Crosswords/Boardgames, Punctuation I use this crossword puzzle with my elementary to pre-intermediate classes to test how much they know about simple punctuation marks. I use this at the beginning of a lesson before revising or te... 7,29,316 Elem Pre-Int • USA, Opinions, Mass-media, Punctuation This is a worksheet I use with Channel One News. Before watching the news, students try to predict what the news will be about on that day in a classroom discussion. During the video, students fil... 4,19,254 Elem Pre-Int Adam The following worksheet contains two exercises on the use of commas in English. The first exercise involves identifying where commas should be placed in the sentences in the box. The second exercise involves correcting errors in the placement of commas in the sentences. This is a detailed presentation about business writing, including formal letters and emails; correct usage of punctuation, spelling, number usage, layout guidelines, salutations and valedictions... 15,40,084 Adv This is a comic made using an easy-to-use PowerPoint presentation. Be careful about your audience as some people may find it inappropriate. However, I teach English to young adult learner... 7,18,411 Adv Pre-Int Adv • Correcting Mistakes, Spelling, Punctuation This sheet can be used for peer-editing or self-editing an essay. 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