



Retrieve: get ready to practise

Name: _____ Date: _____

Work independently first. Show your working. Use the help page if you get stuck, then try again.

Help links to the skill page; its video is coming soon. The answers QR opens worked solutions for this exact worksheet.



Skill help



Worked answers

R01

Calculate 6×7 .

R02

Calculate $4 \times (-3)$.

R03

Simplify $4x + 3x$.

R04

Simplify $9y - 2y$.

Before you continue

Multiply the outside term by every term inside the bracket.

No calculator needed. Check signs carefully.

**Practise: build fluency****F01**

$$2(x + 5)$$

F02

$$3(x + 6)$$

F03

$$4(x + 2)$$

F04

$$5(x + 3)$$

F05

$$6(x + 4)$$

F06

$$7(x + 2)$$

F07

$$3(2x + 4)$$

F08

$$4(3x + 2)$$

F09

$$2(5x + 7)$$

F10

$$5(x - 2)$$

F11

$$3(2x - 5)$$

F12

$$4(3x - 2)$$



Develop and apply

D01

$$-2(x + 5)$$

D02

$$-3(2x - 4)$$

D03

$$4(x - 3)$$

D04

$$-5(2x - 1)$$

A01

A rectangle is 5 cm wide and $(x + 3)$ cm long. Write an expanded expression for its area.

A02

Three identical tickets cost $(2x + 4)$ pounds each. A student says the total is $(6x + 4)$ pounds. Explain the error and give the correct total.



Independent practice

H01

$$2(x + 6)$$

H02

$$3(x + 5)$$

H03

$$4(x + 3)$$

H04

$$6(x + 2)$$

H05

$$2(3x + 5)$$

H06

$$3(4x + 2)$$

H07

$$5(x - 3)$$

H08

$$2(3x - 4)$$

H09

$$-2(x + 6)$$

H10

$$-3(2x - 5)$$



Independent practice: apply your skills

H11

A rectangular floor is 3 m wide and $(2x + 5)$ m long. Write an expanded expression for its area.

Working:

H12

Six packs each contain $(2x + 5)$ pencils. Eight pencils are removed from the total. Write a simplified expression for the number left.

Working: