

Reasoning 1

Razia is finding possible values for h and i .

$$3h + 11i = 60$$



If h equals 9, i must equal 33.

Is Razia correct? Explain your answer.

A large empty rectangular box with an orange border, intended for the student's answer to the question.

Reasoning 2

If a is an odd number and b is 50, which of these could be true?

A. $2a + 3b = 156$

B. $a + a - 3b = 4$

C. $4a + 5b = 258$

D. $2a \div 3b = 2$

Convince me.

Problem Solving 1

Sweety Treaty sell 2 medium sweet boxes and 4 small sweet boxes for £36. What possible prices can you find for each sweet box?

$$2m + 4s = \text{£}36$$

| m | s |
|-----|-----|
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