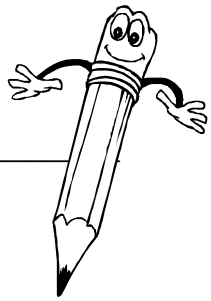


Name_____Date_____

Arthur's Chocolate Scented Pencils

Arthur wants to buy chocolate scented pencils. The pencils are sold in packs of 3 and 6 This chart shows how the pencils are sold and the cost of each pack.

Chocolate Scented Pencils	Cost
3-pack	$2.00
6-pack	$3.00

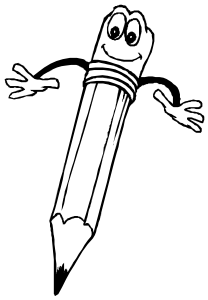
Arthur bought 45 pencils. He counted the packs of pencils and found he had the same number of 3-packs as 6-packs.

In the space below, show

- the number of 3-packs he bought,
- the number of 6-packs he bought,
- the total cost of the pencils, and
- how you arrived at your answers.

Possible Solution

Grade 4 CMT (3rd Generation) – Obj. 25: Solve extended numerical and statistical problems.



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One 3-pack + One 6-pack = 3 + 6 = 9 pencils
Two of each pack = 3 + 3 + 6 + 6 = 18 pencils
3 of each pack = 3 + 3 + 3 + 6 + 6 + 6 = 27 pencils
4 of each pack = 12 + 24 = 36 pencils
5 of each pack = 15 + 30 = 45 pencils

COST OF 5 PACKS EACH:
3-packs = $2 + $2 + $2 + $2 + $2 = $10
6-packs = $3 + $3 + $3 + $# + $3 = $15
Total Cost = $10 + $15 = $25