

Numeracy In The News

Darth Vader is back in the second trailer for Rogue One: A Star Wars Story

In almost three minutes of footage, the trailer shows the hunt for the creators of the Death Star



IF THE TRAILER IS THREE MINUTES LONG AND DARTH VADER APPEARS FOR 40 SECONDS, WHAT FRACTION OF THE TRAILER DOES DARTH VADER APPEAR IN? YOUR ANSWER MUST BE PERFECT!

Problem Solving

At Barker's Gaming Warehouse:

Three video games and five gaming computers total £7936

Two video games and two gaming computers total £3208

How much is a gaming computer?



Need a hint? Go to the next slide...

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How much is a gaming computer?

Hint 1

X

Hint 2

X

Hint 3

X

Hint 4

X

Hint 5

X

Hint 6

X

Actual Solution



#MathsQuickie

At Barker's Gaming Warehouse:

Three video games and five gaming computers total £7936

Two video games and two gaming computers total £3208



How much is a gaming computer?

let's call the price of a game g and the price of a computer c

(1) = £7936

(2) = £3208

We then multiply the second package by 15 so we have 3 games in each:

(3) = $15 \times £3208$
= £4812

If we then subtract this (3 games + 3 computers) package from the first package, we get a package only in terms of computers:

= $7936 - 4812$
= £3124

So now we can simply resolve the price of one computer = £1562