Alex is y years old

Brett is 3 years older → I could say $y+3$.

Alex + Brett = 25

$y + y+3 = 25$

So $2y + 3 = 25$.

To solve:

$2y + 3 = 25$

$2y = 25 - 3$

$2y = 22$

$y = 11$

Alex = y so Alex is 11.

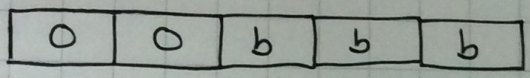
Brett = $y + 3$ so Brett is 14.

8. I'm going to call bananas b.

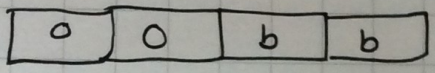
and oranges o.

I know: $3b + 2o = £1.52$

$2b + 2o = £1.20$.




$= £1.52$




$= £1.20$.

The difference between the 2 models is 1 banana and the price difference is 32p. So 1 banana is 32p.

$2b + 2o = £1.20$.

↓

1b is 32p, so $2b = 64p$.

$64p + 2o = £1.20$

$2o = £1.20 - 64p$

$2o = 56p$

$o = 28p$.