

10. Which page numbers are on a double-page spread if the page numbers add up to

73 A: 36 and 37

253 A: 126 and 127

341? A: 170 and 171

11. Lamp posts in the park are lined up at regular intervals. There are 8 lamp posts. The distance between the first and the last lamp post is 84 m. How many metres apart are adjacent lamp posts?

84 m : 7 = 12 m A: 12 m

12. Leo took sixth place in a cross country running event. He was faster than $\frac{4}{5}$ of the competitors. How many competitors took part in the event?

5 · 6 = 30

A: 30 competitors

13. Jenna took tenth place in a cross country running event. $\frac{3}{4}$ of the competitors were faster than Jenna. How many competitors took part in the event?

9 : 3 · 4 = 12

A: 12 competitors

Homework

42

1. Calculate in steps.

$$\begin{aligned} & 3 \cdot 80 - 2 \cdot 60 \\ &= \underline{240 - 120} \\ &= \underline{120} \end{aligned}$$

$$\begin{aligned} & 10^2 + 6^2 + 4^2 \\ &= \underline{100 + 36 + 16} \\ &= \underline{152} \end{aligned}$$

$$\begin{aligned} & 100^2 - 50^2 \\ &= \underline{10000 - 2500} \\ &= \underline{7500} \end{aligned}$$

$$\begin{aligned} & 6 \cdot (42 - 39) + 7 \cdot (63 - 58) \\ &= \underline{6 \cdot 3 + 7 \cdot 5} \\ &= \underline{18 + 35} \\ &= \underline{53} \end{aligned}$$

$$\begin{aligned} & 20 : 2 : 5 + 6 \cdot 6 : 4 \\ &= \underline{10 : 5 + 36 : 4} \\ &= \underline{2 + 9} \\ &= \underline{11} \end{aligned}$$

$$\begin{aligned} & 56 : 4 + 72 : 6 + 44 \\ &= \underline{14 + 12 + 44} \\ &= \underline{26 + 44} \\ &= \underline{70} \end{aligned}$$

$$\begin{aligned} & (22 - 15)^2 + (35 - 26)^2 \\ &= \underline{7^2 + 9^2} \\ &= \underline{49 + 81} \\ &= \underline{130} \end{aligned}$$

$$\begin{aligned} & (9 + 11)^2 - 5 \cdot 60 \\ &= \underline{20^2 - 5 \cdot 60} \\ &= \underline{400 - 300} \\ &= \underline{100} \end{aligned}$$

$$\begin{aligned} & (88 + 32) : 4 + 8 \cdot 80 \\ &= \underline{120 : 4 + 8 \cdot 80} \\ &= \underline{30 + 640} \\ &= \underline{670} \end{aligned}$$