

## 8

## Addition and subtraction within three places

$$\begin{array}{r} 1. \quad 532 \\ - 127 \\ \hline 405 \\ - 261 \\ \hline 144 \end{array}$$

$$\begin{array}{r} 2. \quad 611 \\ - 243 \\ \hline 368 \\ - 296 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 3. \quad 256 \\ + 142 \\ \hline 398 \\ - 270 \\ \hline 128 \end{array}$$

$$\begin{array}{r} 4. \quad 435 \\ + 291 \\ \hline 726 \\ - 388 \\ \hline 338 \end{array}$$

**Analysis (Q7)**  
 $625 - 154 - 267$   
 $= 471 - 267$   
 $= 204$

$$\begin{array}{r} 5. \quad 548 \\ - 163 \\ \hline 385 \\ + 217 \\ \hline 602 \end{array}$$

**Analysis (Q9)**  
 $281 + 167 - 270$   
 $= 448 - 270$   
 $= 178$

$$\begin{array}{r} 6. \quad 701 \\ - 382 \\ \hline 319 \\ + 359 \\ \hline 678 \end{array}$$

**Analysis (Q10)**  
 $397 + 258 - 116$   
 $= 655 - 116$   
 $= 539$

7.  $625 - 154 - 267 = \underline{204}$

8.  $814 - 486 - 159 = \underline{169}$

9.  $281 + 167 - 270 = \underline{178}$

10.  $397 + 258 - 116 = \underline{539}$

11.  $495 + 328 - 456 = \underline{367}$

12.  $316 + 559 - 687 = \underline{188}$

13.  $528 - 127 + 149 = \underline{550}$

14.  $686 - 241 + 209 = \underline{654}$

15.  $831 - 582 + 251 = \underline{500}$

16.  $446 - 512 + 296 = \underline{230}$

17. Angel has 431 stickers. May has 113 fewer stickers than Angel. Wendy has 126 fewer stickers than May. How many stickers does Wendy have?

**Analysis (Q17)**  
 Wendy has:  
 $431 - 113 - 126 = 192$  (stickers)

Answer: Wendy has 192 stickers.

**Analysis (Q11)**  
 $495 + 328 - 456$   
 $= 823 - 456$   
 $= 367$

**Analysis (Q12)**  
 $316 + 559 - 687$   
 $= 875 - 687$   
 $= 188$

**Analysis (Q13)**  
 $528 - 127 + 149$   
 $= 401 + 149$   
 $= 550$

**Analysis (Q14)**  
 $686 - 241 + 209$   
 $= 445 + 209$   
 $= 654$

**Analysis (Q15)**  
 $831 - 582 + 251$   
 $= 249 + 251$   
 $= 500$

**Analysis (Q16)**  
 $446 - 512 + 296$   
 $= 446 + 296 - 512$   
 $= 742 - 512$   
 $= 230$

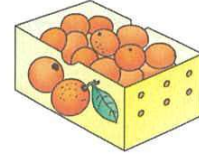
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**Analysis (Q18)**

Number of oranges left is:  
 $356 - 149 - 108 = 99$  (oranges)

18. There are 356 oranges in the fruit shop. If 149 oranges are sold in the morning and 108 oranges are sold in the afternoon, how many oranges are left?



Answer: 99 oranges are left.

**Analysis (Q19)**

A jacket and a shirt cost:  
 $328 + 328 - 146 = 510$  (dollars)

19. A jacket costs 328 dollars. A shirt is 146 dollars cheaper than a jacket. How much do a jacket and a shirt cost altogether?



Answer: A jacket and a shirt cost 510 dollars altogether.

20. Thomas has \$550. After he spends \$399 on a pair of running shoes, his father gives him \$266. Thomas has \$ 417 now.

**Analysis (Q20)**

Thomas has:  
 $550 - 399 + 266 = \$417$

21. There are 274 male workers in a factory. The number of female workers is 161 less than that of male workers. How many workers are there in the factory altogether? (Show your working)

Number of workers is:

$$274 + 274 - 161 \\ = 387 \text{ (workers)}$$

22. There are 662 passengers on the train. 374 passengers get off and 216 passengers get on when it arrives at the station. How many passengers are there on the train now? (Show your working)

Number of passengers is:

$$662 - 374 + 216 \\ = 504 \text{ (passengers)}$$