

Worksheet

01/11/2022

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Problem quickname: 8518

1)

Fill all the blank boxes as shown in example a).

Quick:
8518

a) Rule: $\xrightarrow{+1}$ 20 \rightarrow 21 \rightarrow 22 \rightarrow 23 \rightarrow 24 \rightarrow 25 \rightarrow 26

b) Rule: $\xrightarrow{-1}$ 25 \rightarrow 24 \rightarrow 23 \rightarrow 22 \rightarrow 21 \rightarrow 20 \rightarrow 19

c) Rule: $\xrightarrow{-1}$ 12 \rightarrow 11 \rightarrow 10 \rightarrow 9 \rightarrow 8 \rightarrow 7 \rightarrow 6

d) Rule: $\xrightarrow{+2}$ 20 \rightarrow 22 \rightarrow 24 \rightarrow 26 \rightarrow 28 \rightarrow 30 \rightarrow 32

e) Rule: $\xrightarrow{+2}$ 18 \rightarrow 20 \rightarrow 22 \rightarrow 24 \rightarrow 26 \rightarrow 28 \rightarrow 30

f) Rule: $\xrightarrow{-2}$ 27 \rightarrow 25 \rightarrow 23 \rightarrow 21 \rightarrow 19 \rightarrow 17 \rightarrow 15

g) Rule: $\xrightarrow{-1}$ 22 \rightarrow 21 \rightarrow 20 \rightarrow 19 \rightarrow 18 \rightarrow 17 \rightarrow 16

h) Rule: $\xrightarrow{+4}$ 7 \rightarrow 11 \rightarrow 15 \rightarrow 19 \rightarrow 23 \rightarrow 27 \rightarrow 31

i) Rule: $\xrightarrow{+1}$ 12 \rightarrow 13 \rightarrow 14 \rightarrow 15 \rightarrow 16 \rightarrow 17 \rightarrow 18

j) Rule: $\xrightarrow{-2}$ 25 \rightarrow 23 \rightarrow 21 \rightarrow 19 \rightarrow 17 \rightarrow 15 \rightarrow 13

2)

Fill all the blank boxes as shown in example a).

Quick:
8518

a) Rule: $\xrightarrow{+1}$ 14 \rightarrow 15 \rightarrow 16 \rightarrow 17 \rightarrow 18 \rightarrow 19 \rightarrow 20

b) Rule: $\xrightarrow{-1}$ 25 \rightarrow 24 \rightarrow 23 \rightarrow 22 \rightarrow 21 \rightarrow 20 \rightarrow 19

c) Rule: $\xrightarrow{-2}$ 23 \rightarrow 21 \rightarrow 19 \rightarrow 17 \rightarrow 15 \rightarrow 13 \rightarrow 11

d) Rule:
 $\xrightarrow{+2}$ 15 \rightarrow 17 \rightarrow 19 \rightarrow 21 \rightarrow 23 \rightarrow 25 \rightarrow 27

e) Rule:
 $\xrightarrow{+1}$ 17 \rightarrow 18 \rightarrow 19 \rightarrow 20 \rightarrow 21 \rightarrow 22 \rightarrow 23

f) Rule:
 $\xrightarrow{-2}$ 25 \rightarrow 23 \rightarrow 21 \rightarrow 19 \rightarrow 17 \rightarrow 15 \rightarrow 13

g) Rule:
 $\xrightarrow{-2}$ 29 \rightarrow 27 \rightarrow 25 \rightarrow 23 \rightarrow 21 \rightarrow 19 \rightarrow 17

h) Rule:
 $\xrightarrow{+2}$ 19 \rightarrow 21 \rightarrow 23 \rightarrow 25 \rightarrow 27 \rightarrow 29 \rightarrow 31

i) Rule:
 $\xrightarrow{+2}$ 13 \rightarrow 15 \rightarrow 17 \rightarrow 19 \rightarrow 21 \rightarrow 23 \rightarrow 25

j) Rule:
 $\xrightarrow{-1}$ 13 \rightarrow 12 \rightarrow 11 \rightarrow 10 \rightarrow 9 \rightarrow 8 \rightarrow 7

3)

Fill all the blank boxes.

Quick:
8518

a) Rule:
 $\xrightarrow{+1}$ 53 \rightarrow 54 \rightarrow 55 \rightarrow 56 \rightarrow 57 \rightarrow 58

b) Rule:
 $\xrightarrow{-11}$ 89 \rightarrow 78 \rightarrow 67 \rightarrow 56 \rightarrow 45 \rightarrow 34

c) Rule:
 $\xrightarrow{-9}$ 102 \rightarrow 93 \rightarrow 84 \rightarrow 75 \rightarrow 66 \rightarrow 57

d) Rule:
 $\xrightarrow{+9}$ 38 \rightarrow 47 \rightarrow 56 \rightarrow 65 \rightarrow 74 \rightarrow 83

e) Rule:
 $\xrightarrow{+6}$ 55 \rightarrow 61 \rightarrow 67 \rightarrow 73 \rightarrow 79 \rightarrow 85

4)

Fill all the blank boxes as shown in example a).

Quick:
8518

a) Rule:
 $\xrightarrow{+1}$ 61 \rightarrow 62 \rightarrow 63 \rightarrow 64 \rightarrow 65 \rightarrow 66

b) Rule:
 $\xrightarrow{-11}$ 95 \rightarrow 84 \rightarrow 73 \rightarrow 62 \rightarrow 51 \rightarrow 40

c) Rule:
 $\xrightarrow{-2}$ 68 \rightarrow 66 \rightarrow 64 \rightarrow 62 \rightarrow 60 \rightarrow 58

d) Rule:
 $\xrightarrow{+2}$ 62 \rightarrow 64 \rightarrow 66 \rightarrow 68 \rightarrow 70 \rightarrow 72

e) $\begin{array}{c} \text{Rule:} \\ \xrightarrow{+8} \end{array} 59 \longrightarrow 67 \longrightarrow 75 \longrightarrow 83 \longrightarrow 91 \longrightarrow 99$

Good Luck!