



Exercise 1D

Q1

Answer :

- (i) In 36, the ones digit is $6 > 5$.
∴ The required rounded number = 40
- (ii) In 173, the ones digit is $3 < 5$.
∴ The required rounded number = 170
- (iii) In 3869, the ones digit is $9 > 5$.
∴ The required rounded number = 3870
- (iv) In 16378, the ones digit is $8 > 5$.
∴ The required rounded number = 16380

Q2

Answer :

- (i) In 814, the tens digit is $1 < 5$.
∴ The required rounded number = 800
- (ii) In 1254, the tens digit is $5 = 5$
∴ The required rounded number = 1300
- (iii) In 43126, the tens digit is $2 < 5$
∴ The required rounded number = 43100
- (iv) In 98165, the tens digit is $6 > 5$
∴ The required rounded number = 98200

Q3

Answer :

Answer :

- (i) In 793, the hundreds digit is $7 > 5$
 \therefore The required rounded number = 1000
- (ii) In 4826, the hundreds digit is $8 > 5$
 \therefore The required rounded number = 5000
- (iii) In 16719, the hundreds digit is $7 > 5$
 \therefore The required rounded number = 17000
- (iv) In 28394, the hundreds digit is $3 < 5$
 \therefore The required rounded number = 28000

Q4

Answer :

- (i) In 17514, the thousands digit is $7 > 5$
 \therefore The required rounded number = 20000
- (ii) In 26340, the thousands digit is $6 > 5$
 \therefore The required rounded number = 30000
- (iii) In 34890, the thousands digit is $4 < 5$
 \therefore The required rounded number = 30000
- (iv) In 272685, the thousands digit is $2 < 5$
 \therefore The required rounded number = 270000

Q5

Answer :

57 estimated to the nearest ten = 60
34 estimated to the nearest ten = 30

\therefore The required estimation = $(60 + 30) = 90$

Q6

Answer :

43 estimated to the nearest ten = 40

78 estimated to the nearest ten = 80

∴ The required estimation = $(40 + 80) = 120$

Q7

Answer :

14 estimated to the nearest ten = 10

69 estimated to the nearest ten = 70

∴ The required estimation = $(10 + 70) = 80$

Q8

Answer :

86 estimated to the nearest ten = 90

19 estimated to the nearest ten = 20

∴ The required estimation = $(90 + 20) = 110$

Q9

Answer :

95 estimated to the nearest ten = 100

58 estimated to the nearest ten = 60

∴ The required estimation = $(100 + 60) = 160$

Q10

Answer :

77 estimated to the nearest ten = 80

63 estimated to the nearest ten = 60

∴ The required estimation = $(80 + 60) = 140$

Q11

Answer :

356 estimated to the nearest ten = 360

275 estimated to the nearest ten = 280

∴ The required estimation = $(360 + 280) = 640$

Q12

Answer :

463 estimated to the nearest ten = 460

182 estimated to the nearest ten = 180

\therefore The required estimation = $(460 + 180) = 640$

Q13

Answer :

538 estimated to the nearest ten = 540

276 estimated to the nearest ten = 280

\therefore The required estimation = $(540 + 280) = 820$

Q14

Answer :

236 estimated to the nearest hundred = 200

689 estimated to the nearest hundred = 700

\therefore The required estimation = $(200 + 700) = 900$

Q15

Answer :

458 estimated to the nearest hundred = 500

324 estimated to the nearest hundred = 300

∴ The required estimation = $(500 + 300) = 800$

Q16

Answer :

170 estimated to the nearest hundred = 200

395 estimated to the nearest hundred = 400

∴ The required estimation = $(200 + 400) = 600$

Q17

Answer :

3280 estimated to the nearest hundred = 3300

4395 estimated to the nearest hundred = 4400

∴ The required estimation = $(3300 + 4400) = 7700$

Q18

Answer :

5130 estimated to the nearest hundred = 5100

1410 estimated to the nearest hundred = 1400

∴ The required estimation = $(5100 + 1400) = 6500$

Q19

Answer :

10083 estimated to the nearest hundred = 10100

29380 estimated to the nearest hundred = 29400

∴ The required estimation = $(10100 + 29400) = 39500$

Q20

Answer :

32836 estimated to the nearest thousand = 33000

16466 estimated to the nearest thousand = 16000

∴ The required estimation = $(33000 + 16000) = 49000$

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