

Name \_\_\_\_\_

Date \_\_\_\_\_



# PLACE VALUE TO 3DP SHEET 5B

For questions 1 to 20, give write the answer as a decimal; for questions 21 to 40, write the answer as a fraction.

1)  $6 + \frac{3}{10} + \frac{5}{100} + \frac{2}{1000} = 6.352$

21)  $6 + \frac{4}{10} + \underline{\hspace{2cm}} + \frac{3}{1000} = 6.423$

2)  $8 + \frac{2}{10} + \frac{8}{100} + \frac{1}{1000} = \underline{\hspace{2cm}}$

22)  $2 + \underline{\hspace{2cm}} + \frac{5}{100} + \frac{7}{1000} = 2.657$

3)  $2 + \frac{7}{10} + \frac{3}{100} + \frac{5}{1000} = \underline{\hspace{2cm}}$

23)  $7.284 = 7 + \frac{2}{10} + \frac{8}{100} + \underline{\hspace{2cm}}$

4)  $4 + \frac{3}{10} + \frac{1}{100} + \frac{8}{1000} = \underline{\hspace{2cm}}$

24)  $\underline{\hspace{2cm}} + \frac{3}{10} + \frac{5}{100} + \frac{1}{1000} = 9.351$

5)  $\underline{\hspace{2cm}} = 9 + \frac{5}{10} + \frac{9}{100}$

25)  $7.28 = 7 + \underline{\hspace{2cm}}$

6)  $\frac{3}{10} + \frac{2}{100} + \frac{8}{1000} = \underline{\hspace{2cm}}$

26)  $1 + \underline{\hspace{2cm}} = 1.325$

7)  $\underline{\hspace{2cm}} = 4 + \frac{5}{100} + \frac{6}{1000}$

27)  $8.39 = 8 + \underline{\hspace{2cm}} + \frac{9}{100}$

8)  $6 + \frac{7}{10} + \frac{1}{1000} = \underline{\hspace{2cm}}$

28)  $4 + \underline{\hspace{2cm}} + \frac{2}{1000} = 4.032$

9)  $\frac{3}{10} + \frac{8}{1000} = \underline{\hspace{2cm}}$

29)  $9.036 = 9 + \underline{\hspace{2cm}}$

10)  $5 + \frac{3}{10} + \frac{6}{100} + \frac{3}{1000} = \underline{\hspace{2cm}}$

30)  $3 + \underline{\hspace{2cm}} + \frac{2}{1000} = 3.702$

11)  $\underline{\hspace{2cm}} = 6 + \frac{4}{10} + \frac{2}{1000}$

31)  $7.32 = 7 + \frac{3}{10} + \underline{\hspace{2cm}}$

12)  $\frac{8}{100} + \frac{5}{1000} = \underline{\hspace{2cm}}$

32)  $6 + \frac{1}{10} + \underline{\hspace{2cm}} = 6.104$

13)  $12 + \frac{7}{10} + \frac{4}{1000} = \underline{\hspace{2cm}}$

33)  $5.237 = 5 + \underline{\hspace{2cm}}$

14)  $15 + \frac{36}{100} = \underline{\hspace{2cm}}$

34)  $4.129 = 4 + \frac{1}{10} + \underline{\hspace{2cm}} + \frac{9}{1000}$

15)  $\underline{\hspace{2cm}} = 30 + 2 + \frac{304}{1000}$

35)  $\underline{\hspace{2cm}} + \frac{362}{1000} = 7.362$

16)  $80 + \frac{2}{10} + \frac{6}{100} + \frac{7}{1000} = \underline{\hspace{2cm}}$

36)  $\underline{\hspace{2cm}} + \frac{5}{1000} = 0.325$

17)  $1 + \frac{84}{1000} = \underline{\hspace{2cm}}$

37)  $0.716 = \underline{\hspace{2cm}} + \frac{16}{1000}$

18)  $25 + \frac{3}{10} + \frac{6}{100} + \frac{1}{1000} = \underline{\hspace{2cm}}$

38)  $1.83 = \underline{\hspace{2cm}} + 1$

19)  $\underline{\hspace{2cm}} = 7 + \frac{5}{100} + \frac{2}{1000}$

39)  $2.536 = 2 + \frac{5}{10} + \underline{\hspace{2cm}}$

20)  $9 + \frac{6}{1000} = \underline{\hspace{2cm}}$

40)  $9 + \frac{7}{10} + \underline{\hspace{2cm}} = 9.728$



Name

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# PLACE VALUE TO 3DP SHEET 5B ANSWERS

- |                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) $6 + \frac{3}{10} + \frac{5}{100} + \frac{2}{1000} = 6.352$                | 21) $6 + \frac{4}{10} + \frac{2}{100} + \frac{3}{1000} = 6.423$             |
| 2) $8 + \frac{2}{10} + \frac{8}{100} + \frac{1}{1000} = \underline{8.281}$    | 22) $2 + \frac{6}{10} + \frac{5}{100} + \frac{7}{1000} = 2.657$             |
| 3) $2 + \frac{7}{10} + \frac{3}{100} + \frac{5}{1000} = \underline{2.735}$    | 23) $7.284 = 7 + \frac{2}{10} + \frac{8}{100} + \frac{4}{1000}$             |
| 4) $4 + \frac{3}{10} + \frac{1}{100} + \frac{8}{1000} = \underline{4.318}$    | 24) $\underline{9} + \frac{3}{10} + \frac{5}{100} + \frac{1}{1000} = 9.351$ |
| 5) $\underline{9.59} = 9 + \frac{5}{10} + \frac{9}{100}$                      | 25) $7.28 = 7 + \frac{28}{100}$                                             |
| 6) $\frac{3}{10} + \frac{2}{100} + \frac{8}{1000} = \underline{0.328}$        | 26) $1 + \frac{325}{1000} = 1.325$                                          |
| 7) $\underline{4.056} = 4 + \frac{5}{100} + \frac{6}{1000}$                   | 27) $8.39 = 8 + \frac{3}{10} + \frac{9}{100}$                               |
| 8) $6 + \frac{7}{10} + \frac{1}{1000} = \underline{6.701}$                    | 28) $4 + \frac{3}{100} + \frac{2}{1000} = 4.032$                            |
| 9) $\frac{3}{10} + \frac{8}{1000} = \underline{0.308}$                        | 29) $9.036 = 9 + \frac{36}{1000}$                                           |
| 10) $5 + \frac{3}{10} + \frac{6}{100} + \frac{3}{1000} = \underline{5.363}$   | 30) $3 + \frac{7}{10} + \frac{2}{1000} = 3.702$                             |
| 11) $\underline{6.402} = 6 + \frac{4}{10} + \frac{2}{1000}$                   | 31) $7.32 = 7 + \frac{3}{10} + \frac{2}{100}$                               |
| 12) $\frac{8}{100} + \frac{5}{1000} = \underline{0.085}$                      | 32) $6 + \frac{1}{10} + \frac{4}{1000} = 6.104$                             |
| 13) $12 + \frac{7}{10} + \frac{4}{1000} = \underline{12.704}$                 | 33) $5.237 = 5 + \frac{237}{1000}$                                          |
| 14) $15 + \frac{36}{100} = \underline{15.36}$                                 | 34) $4.129 = 4 + \frac{1}{10} + \frac{2}{100} + \frac{9}{1000}$             |
| 15) $\underline{32.304} = 30 + 2 + \frac{304}{1000}$                          | 35) $\underline{7} + \frac{362}{1000} = 7.362$                              |
| 16) $80 + \frac{2}{10} + \frac{6}{100} + \frac{7}{1000} = \underline{80.267}$ | 36) $\frac{32}{100} + \frac{5}{1000} = 0.325$                               |
| 17) $1 + \frac{84}{1000} = \underline{1.084}$                                 | 37) $0.716 = \frac{7}{10} + \frac{16}{1000}$                                |
| 18) $25 + \frac{3}{10} + \frac{6}{100} + \frac{1}{1000} = \underline{25.361}$ | 38) $1.83 = \frac{83}{100} + 1$                                             |
| 19) $\underline{7.052} = 7 + \frac{5}{100} + \frac{2}{1000}$                  | 39) $2.536 = 2 + \frac{5}{10} + \frac{6}{1000}$                             |
| 20) $9 + \frac{6}{1000} = \underline{9.006}$                                  | 40) $9 + \frac{7}{10} + \frac{28}{1000} = 9.728$                            |