Worksheet

Find the quotient and remainder for the following using the long division algorithm.

1. $2\overline{)920}$
2. $5\overline{)2678}$
3. $7\overline{)7196}$
4. $3\overline{)5447}$
5. $4\overline{)8577}$
6. $8\overline{)6633}$
7. $7\overline{)1303}$
8. $5\overline{)5532}$
9. $5\overline{)3554}$
10. $5\overline{)302}$
11. $2\overline{)6720}$
12. $8\overline{)6109}$
13. $8\overline{)1695}$
14. $8\overline{)8631}$
15. $3\overline{)8295}$
16. $9\overline{)8737}$
17. $7\overline{)7873}$
18. $6\overline{)4609}$
19. $3\overline{)6353}$
20. $9\overline{)2871}$
21. $7\overline{)8529}$
22. $3\overline{)2798}$
23. $3\overline{)2996}$
24. $3\overline{)1177}$
25. $5\overline{)7524}$

TAG ID: 002A

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Answers

1. $2\overline{)920}$ → 460; 8; 12; 12; 00

2. $5\overline{)2678}$ → 535; 25; 17; 15; 28; 25; 3

3. $7\overline{)7196}$ → 1028; 7; 019; 14; 56; 56; 0

4. $3\overline{)5447}$ → 1815; 3; 24; 24; 04; 3; 17; 15; 2

5. $4\overline{)8577}$ → 2144; 8; 05; 4; 17; 16; 17; 16; 1

6. $8\overline{)6633}$ → 829; 64; 23; 16; 73; 72; 1

7. $7\overline{)1303}$ → 186; 7; 60; 56; 43; 42; 1

8. $5\overline{)5532}$ → 1106; 5; 05; 5; 032; 30; 2

9. $5\overline{)3554}$ → 710; 35; 05; 5; 04

10. $5\overline{)302}$ → 60; 30; 02

11. $2\overline{)6720}$ → 3360; 6; 07; 6; 12; 12; 00

12. $8\overline{)6109}$ → 763; 56; 50; 48; 29; 24; 5

13. $8\overline{)1695}$ → 211; 16; 09; 8; 15; 8; 7

14. $8\overline{)8631}$ → 1078; 8; 063; 56; 71; 64; 7

15. $3\overline{)8295}$ → 2765; 6; 22; 21; 19; 18; 15; 15; 0

16. $9\overline{)8737}$ → 970; 81; 63; 63; 07

17. $7\overline{)7873}$ → 1124; 7; 08; 7; 17; 14; 33; 28; 5

18. $6\overline{)4609}$ → 768; 42; 40; 36; 49; 48; 1

19. $3\overline{)6353}$ → 2117; 6; 03; 3; 05; 3; 23; 21; 2

20. $9\overline{)2871}$ → 319; 27; 17; 9; 81; 81; 0

21. $7\overline{)8529}$ → 1218; 7; 15; 14; 12; 7; 59; 56; 3

22. $3\overline{)2798}$ → 932; 27; 09; 9; 08; 6; 2

23. $3\overline{)2996}$ → 998; 27; 29; 27; 26; 24; 2

24. $3\overline{)1177}$ → 392; 9; 27; 27; 07; 6; 1

25. $5\overline{)7524}$ → 1504; 5; 25; 25; 024; 20; 4

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