Division with Partial Quotients

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Instructions

1. Choose a multiple of the divisor you can subtract easily, and record how many groups it is.
2. Subtract it and repeat with what is left.
3. Add the groups to get the quotient, and keep any remainder.

Example

24 ÷ 2: split 24 into 20 + 4. Divide each part by 2, then add the results. Answer: **12**

1. Split the dividend.
   24 = 20 + 4
2. Take out a batch of groups you can work out, and record how many groups that was. Keep going with what is left.
   20 ÷ 2 = 10
   4 ÷ 2 = 2
3. Add the groups, keep any remainder, and write that as the answer.
   10 + 2 = 12; remainder 0

1 28 ÷ 2: split 28 into 20 + 8. Divide each part by 2, then add the results. Answer: ___

2 64 ÷ 4: split 64 into 40 + 24. Divide each part by 4, then add the results. Answer: ___

3 34 ÷ 2: split 34 into 20 + 14. Divide each part by 2, then add the results. Answer: ___

4 85 ÷ 5: split 85 into 50 + 35. Divide each part by 5, then add the results. Answer: ___

5 38 ÷ 2: split 38 into 20 + 18. Divide each part by 2, then add the results. Answer: ___

6 60 ÷ 4: split 60 into 40 + 20. Divide each part by 4, then add the results. Answer: ___

7 45 ÷ 3: split 45 into 30 + 15. Divide each part by 3, then add the results. Answer: ___

8 42 ÷ 3: split 42 into 30 + 12. Divide each part by 3, then add the results. Answer: ___

How did we do? ☆☆☆☆☆ ☐ Easy ☐ Perfect ☐ Hard

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