Name: .... Class: ....

Divide larger numbers by 2-digit numbers: word problems

1. Thomas works in a large printing press. They have been ordered to print several copies of novels that has a total of 258,426 sheets of papers. If each novel has 98 sheets, how many novels are they suppose to print?

2. Charles is playing an online game with his brother, Eden. When he crashed, his brother took over. His brother also crashed into a wall with a score of 732,624. One of the game's rule is that, when you crash, your points have to be divided by 12.
So, how many points did Eden have left after he crashed?

mathskills4kids

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Divide larger numbers by 2-digit numbers: word problems

1. Thomas works in a large printing press. They have been ordered to print several copies of novels that has a total of 258,426 sheets of papers. If each novel has 98 sheets, how many novels are they suppose to print?

To find the number of novels they are suppose to print, we need to divide the total number of sheets by the number of sheets each novel is suppose to have.

```
              2637
        98 | 258,426
           - 196 ↓
             624
           - 588 ↓
             362
           - 294 ↓
             686
           - 686
               0
```

Therefore, they are suppose to print 2,637 novels.

2. Charles is playing an online game with his brother, Eden. When he crashed, his brother took over. His brother also crashed into a wall with a score of 732,624. One of the game's rule is that, when you crash, your points have to be divided by 12.
So, how many points did Eden have left after he crashed?

To solve this, we have to divide the total number of scores by 12

```
             61052
        12 | 732624
           - 72 ↓
             12
           - 12 ↓
             06
           -  0 ↓
             62
           - 60 ↓
             24
           - 24
              0
```

So, 63425 ÷ 31 = 2,045 R 30