How quickly and accurately can you calculate a common pipe-trades math problem? Give it a try on your own by hand and then see how much easier it is with the Pipe Trades Pro.

Clear the calculator by pressing Conv X.

**1** Pipe Length

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>1’ 6-7/16”</td>
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<tr>
<td>10-1/8”</td>
<td></td>
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<tr>
<td>2’ 11-15/16”</td>
<td></td>
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<tr>
<td>6-1/4”</td>
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Add the following pipe lengths: 1 foot 6-7/16 inches, 10-1/8 inches, 2 feet 11-15/16 inches, and 6-1/4 inches.

Your Answer: ___________________________
Your Time: ___________________________

**2** Pipe Wall Thickness

8” Schedule 60 Steel

What is the wall thickness of 8” Schedule 60 Steel pipe?

Your Answer: ___________________________
Your Time: ___________________________

**3** Simple Offset

What is the pipe length of a simple offset using 45° factory made B.W. ells and an offset of 24”?

Your Answer: ___________________________
Your Time: ___________________________
**Rolling Offset with Unknown Bend Angle**

Find the center-to-center travel for a rolling pipe offset with a 6 1/2" Roll, a 17" Offset, and an advance of 28". The bend angle is unknown.

Your Answer: ________________________________

Your Time: ________________________________

Now use the **Pipe Trades Pro**.

Keystrokes

Enter Offset: **1 7 Inch Offset**

Enter the advance: **2 8 Inch Run** (Advance) **RUN 28 INCH**

Enter the Roll and calculate the pipe length and unknown bend angle:

**6 Inch 1 / 2 Conv travel**

**LNTH 33-3/8 INCH**

**FIT 33.02°**

Continue pressing the Travel key to view all related values.

*(With the Pipe Trades Pro it only takes 10 seconds)*

Instantly find the rolling offset with unknown bend angle.

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**Take-Out and Butt Weld Elbow Cut Marks**

Find the arc lengths for an odd bend angle of 37° for 12" pipe.

Your Answer: ________________________________

Your Time: ________________________________

Now use the **Pipe Trades Pro**.

Keystrokes

Enter the Pipe Size: **1 2 Inch Pipe**

STD SIZE 12 INCH

Enter the known bend angle: **3 7 Angle**

L Ø 37.00°

Calculate the Take-Out and Arc Lengths:

**Conv 1**

**IARC 7-1/2 INCH**

**CARC 11-5/8 INCH**

**OARC 15-3/4 INCH**

*(With the Pipe Trades Pro it only takes 20 seconds)*

You can solve take-out and butt weld elbow cut marks quickly and confidently.

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**Drop**

If your drainage application requires 1/8" drop per foot, how much total drop is required for 25' of pipe?

Your Answer: ________________________________

Your Time: ________________________________

Now use the **Pipe Trades Pro**.

Keystrokes

Enter the drop requirement.

**1 8 Drop**

SLP 0 1/8 INCH

Enter the drainage pipe length.

**2 5 Feet Run**

RUN 25 FEET 0 INCH

Calculate the total drop.

**OFST 0 FEET 3 1/8 INCH**

*(With the Pipe Trades Pro it only takes 9 seconds)*

Instantly find total drop over any pipe run for any Grade, Pitch or Slope ratio.