

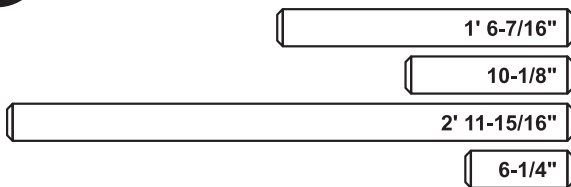


TEST (it) YOURSELF

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



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: _____

Now use the **PIPE TRADES PRO**.

Keystrokes

Display

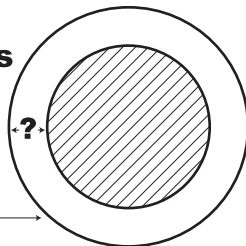
1 **Feet** **6** **Inch** **7** **/** **1** **6** **+** 1 FEET 6 7/16 INCH
1 **0** **Inch** **1** **/** **8** **+** 2 FEET 4 9/16 INCH
2 **Feet** **1** **1** **Inch** **1** **5** **/** **1** **6** **+** 5 FEET 4 1/2 INCH
6 **Inch** **1** **/** **4** **=** **5 FEET 10 3/4 INCH**

(With the Pipe Trades Pro it only takes 26 seconds.)

You can quickly enter dimensions in any format – feet inches-fractions, decimal feet, decimal inches, meters, millimeters.

2 Pipe Wall Thickness

8" Schedule 60 Steel



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

Your Answer: _____

Your Time: _____

Now use the **PIPE TRADES PRO**.

Keystrokes

Display

6 **0** **Conv** **Pipe Size** 60 TYPE STEEL
8 **Pipe Size** 60 SIZE 8 INCH
Pipe Size **Pipe Size** **Pipe Size** **THK SIZE 0.406 INCH**

(With the Pipe Trades Pro it only takes 11 seconds.)

Now you can spend less time looking at cumbersome charts and books and more time designing and installing pipe systems!

3 Simple Offset

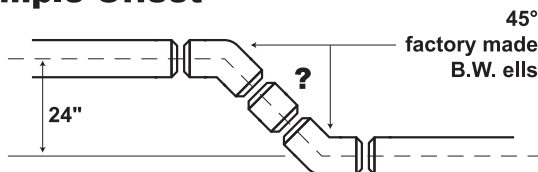


Image not proportional to actual answer

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: _____

Now use the **PIPE TRADES PRO**.

Keystrokes

Display

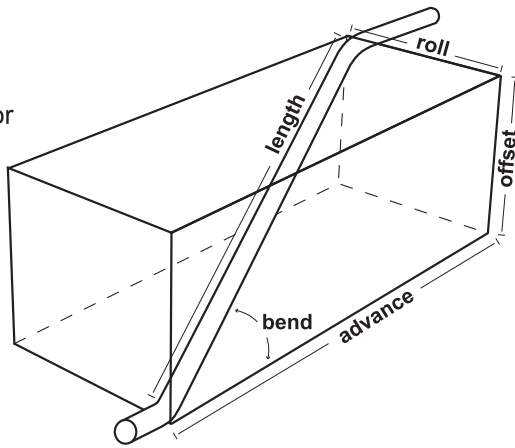
Enter the Fitting Angle. **4** **5** **Angle/slope** L Ø 45.00°
Enter the Offset. **2** **4** **Inch** **Offset** OFST 24 INCH
Calculate the center to center length.
Travel **TRAV 33 15/16 INCH**

(With the Pipe Trades Pro it only takes 8 seconds.)

Easily solve simple offsets for 45°, 90° or any angle in seconds, without need of charts, tables or books.

4 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

Display

Enter Offset: **1 7 Inch Offset**

OFST 17 INCH

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

Travel

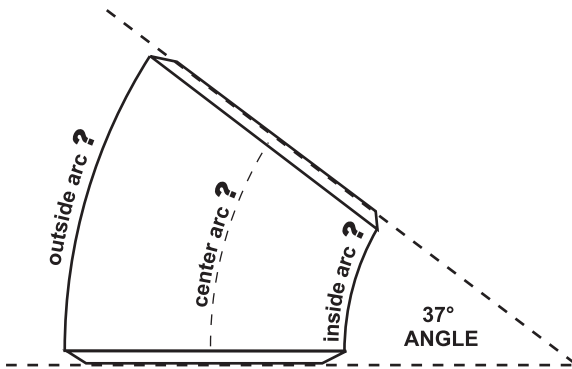
FIT° 33.02°

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.

5 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

Display

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

STD SIZE 12 INCH

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

L Ø 37.00°

Calculate the Take-Out and Arc Lengths:

Conv Angle/Slope

TO 6 INCH

Angle/Slope

IARC 7-1/2 INCH

Angle/Slope

CARC 11-5/8 INCH

Angle/Slope

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.

6 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

Display

Enter the drop requirement.

1 7 8 Angle/Slope

SLP 0 1/8 INCH

Enter the drainage pipe length.

2 5 Feet Run

RUN 25 FEET 0 INCH

Calculate the total drop.

Offset

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.