Converting measurements

1. 65 mi = _____ km

$$65 \text{ mi} \times \frac{1.6093 \text{ km}}{1 \text{ mi}} = 104.6 \text{ km}$$

2. 15 inches = _____ cm

$$15 \text{ in} \times \frac{2.54 \text{ cm}}{\text{in}} = 38.1 \text{ cm}$$

3. 25 yards = _____ m

$$25 \text{ yd} \times \frac{1 \text{ m}}{1.0936 \text{ yd}} = 22.9 \text{ m}$$

4. 45 cm = _____ inches

$$45 \text{ cm} \times \frac{1 \text{ in}}{2.54 \text{ cm}} = 17.7 \text{ in}$$

HOMEWORK...

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   Do questions: #1-5; 8

HOMEWORK...

Worksheet - Converting Measurements.docx

Name : _____   Score : _____

Teacher : _____   Date : _____

Converting English and Metric

1) _22___ miles   = _____ kilometers
2) _12___ yards   = _____ meters
3) _10___ miles   = _____ kilometers
4) _____ miles   = _19.5_ kilometers
5) _____ inches   = _15___ centimeters
6) _____ yards   = _9____ meters
7) _7____ inches   = _____ centimeters
8) _____ yards   = _3.5__ meters
9) _____ inches   = _16.5_ centimeters
10) _____ miles   = _8.5__ kilometers
11) _____ yards   = _4.5__ meters
12) _4____ miles   = _____ kilometers
13) _11___ yards   = _____ meters
14) _2____ yards   = _____ meters
15) _14.5_ inches   = _____ centimeters
16) _17___ inches   = _____ centimeters
17) _11.5_ miles   = _____ kilometers
18) _____ yards   = _18.5_ meters
19) _____ inches   = _12.5_ centimeters
20) _____ miles   = _21___ kilometers

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1. $22 \text{ mi} \times \dfrac{1.6093 \text{ Km}}{1 \text{ mi}} = 35.40 \text{ Km}$

2. $12 \text{ yds} \times \dfrac{1 \text{ m}}{1.0936 \text{ yd}} = 10.97 \text{ m}$

3. $10 \text{ mi} \times \dfrac{1.6093 \text{ Km}}{\text{mi}} = 16.09 \text{ Km}$

4. $19.5 \text{ Km} \times \dfrac{1 \text{ mi}}{1.6093 \text{ Km}} = 12.12 \text{ mi}$

5. $15 \text{ cm} \times \dfrac{1 \text{ in}}{2.54 \text{ cm}} = 5.91 \text{ in}$

HOMEWORK Solutions...

Name : _____   Score : _____

Teacher : _____   Date : _____

Converting English and Metric

#	value	unit	=	value	unit
1)	22	miles	=	35.41	kilometers
2)	12	yards	=	10.97	meters
3)	10	miles	=	16.09	kilometers
4)	12.12	miles	=	19.5	kilometers
5)	5.91	inches	=	15	centimeters
6)	9.84	yards	=	9	meters
7)	7	inches	=	17.78	centimeters
8)	3.83	yards	=	3.5	meters
9)	6.5	inches	=	16.5	centimeters
10)	5.28	miles	=	8.5	kilometers
11)	4.92	yards	=	4.5	meters
12)	4	miles	=	6.44	kilometers
13)	11	yards	=	10.06	meters
14)	2	yards	=	1.83	meters
15)	14.5	inches	=	36.83	centimeters
16)	17	inches	=	43.18	centimeters
17)	11.5	miles	=	18.51	kilometers
18)	20.23	yards	=	18.5	meters
19)	4.92	inches	=	12.5	centimeters
20)	13.05	miles	=	21	kilometers

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Attachments

Worksheet - Intro. to Imperial Measurement.docx

Worksheet - Converting Measurements.docx