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1 mile = 5,280 feet
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1 meter = 3.3 feet
Acceleration of Gravity = 9.81 m/s^2

1) 4 feet \rightarrow inches

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2) 180 inches \rightarrow feet

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3) 16,480 feet \rightarrow miles

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4) 31,680 inches \rightarrow miles

--	--	--

5) 7200 seconds \rightarrow hours

--	--	--

6) 9 feet \rightarrow meters

--	--	--

7) 153,120 feet \rightarrow miles

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8) 5 miles \rightarrow feet

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9) 12 inches \rightarrow centimeters

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10) 100 meters \rightarrow feet

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Name: _____

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11) 100 km/hr → miles/hr

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12) 210 feet/sec → meters/sec

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13) 14.67 feet/sec → miles/hr

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14) 43 G's → meters/sec²

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15) 1017 km/hr → meters/sec

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16) 299,792 km/sec → miles/hr (this is the speed of light in a vacuum)

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17) 1 light year → meters (a light year is how far light travels in a year) Round to 4 significant figures.

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18) 3900 inch/sec → meter/sec

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10) 100 meters \rightarrow feet

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12) 210 feet/sec → meters/sec

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2) 180 inches \rightarrow feet

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3) 16,480 feet \rightarrow miles

--	--	--

4) 31,680 inches \rightarrow miles

--	--	--

5) 7200 seconds \rightarrow hours

--	--	--

6) 9 feet \rightarrow meters

--	--	--

7) 153,120 feet \rightarrow miles

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