


In-Class Game

Map Sense

● **Get Ready!** _____

Separate the class into groups of two.

- Map Sense master, p. 15
- Map master, p. 16
- ruler 
- Other maps with a distance scale

● **Get Set!** _____

Make a copy of the Map Sense master on page 15 for each student. Provide each group with a copy of the Map Sense map on page 16 or provide other maps that include a distance scale.

● **Go!** _____

- One player chooses a map and two locations on the map.
- The second player estimates the actual distance.
- Both players write and solve a proportion using the map scale and the map distance between the two chosen locations. If the difference between the actual distance and the estimated distance is less than 10% of the actual distance, the player who made the estimate earns a point.
- Players exchange roles.
- Repeat until each player has 4 turns at each role.
- The player with the most points wins the game.

In-Class Game**Map Sense Distance Key**

	Atlanta, GA	Charleston, SC	Cheyenne, WY	Chicago, IL	Denver, CO	Indianapolis, IN	Jackson, MS	Jacksonville, FL	Little Rock, AR	Los Angeles, CA	Mobile, AL	Norfolk, VA	Portland, OR	Raleigh, NC	St. Louis, MO	Washington, D.C.
Atlanta, GA		320	1,449	716	1,416	531	383	346	531	2,211	335	555	2,606	387	555	632
Charleston, SC	320		1,752	913	1,719	1,110	703	239	893	2,573	638	431	1,069	278	858	525
Cheyenne, WY	1,449	1,752		970	100	1,115	1,318	1,795	1,059	1,102	1,508	1,811	1,158	1,723	894	1,662
Chicago, IL	716	913	970		1,011	185	749	1,062	655	2,034	923	902	2,127	822	297	715
Denver, CO	1,416	1,719	100	1,011		1,101	1,223	1,762	964	1,023	1,413	1,778	1,236	1,690	861	1,700
Indianapolis, IN	531	1,110	1,115	185	1,101		685	877	591	2,088	738	725	2,272	685	246	599
Jackson, MS	383	703	1,318	749	1,223	685		593	261	1,856	190	938	2,454	770	498	1,820
Jacksonville, FL	346	239	1,795	1,062	1,762	877	593		850	2,437	403	608	2,952	455	901	702
Little Rock, AR	531	893	1,059	655	964	591	261	850		1,686	451	1,036	2,195	884	351	1,009
Los Angeles, CA	2,211	2,573	1,102	2,034	1,023	2,088	1,856	2,437	1,686		2,034	2,716	967	2,564	1,842	2,689
Mobile, AL	335	638	1,508	923	1,413	738	190	403	451	2,034		890	2,644	735	684	967
Norfolk, VA	555	431	1,811	902	1,778	725	938	608	1,036	2,716	890		2,968	175	917	195
Portland, OR	2,606	1,069	1,158	2,127	1,236	2,272	2,454	2,952	2,195	967	2,644	2,968		2,880	2,051	2,819
Raleigh, NC	387	278	1,723	822	1,690	685	770	455	884	2,564	735	175	2,880		829	254
St. Louis, MO	555	858	894	297	861	246	498	901	351	1,842	684	917	2,051	829		845
Washington, D.C.	632	525	1,662	715	1,700	599	1,820	702	1,009	2,689	967	195	2,819	254	845	

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Work in groups of two.

- One player chooses a map and two locations on the map.
- The second player estimates the actual distance.
- Both players write and solve a proportion using the map scale and the map distance between the two chosen locations. If the difference between the actual distance and the estimated distance is less than 10% of the actual distance, the player who made the estimate earns a point.
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Map Sense Map

