

Names: _____ Date: _____

20/20 Worksheet

- 1) The vision in my left eye is : 20/_____(row number)
- 2) The vision in your right eye is : 20/_____(row number)
- 3) Adding my answer from 1 with my answer from 2 gives me:
 $\underline{20} + \underline{20} = \underline{\hspace{2cm}}$
- 4) Dividing the answer in 3 by two gives me: $\underline{40} \div 2 = \underline{\hspace{2cm}}$
This is my average eyesight for both eyes.
- 5) Is there a difference between your answers in number 4 and numbers 1 and 2? Why or why not?

Record the average eyesight for everyone in the class in the chart below:

Person	Both Eyes	Person	Both Eyes
<u>1</u>	20/	<u>18</u>	20/
<u>2</u>	20/	<u>19</u>	20/
<u>3</u>	20/	<u>20</u>	20/
<u>4</u>	20/	<u>21</u>	20/
<u>5</u>	20/	<u>22</u>	20/
<u>6</u>	20/	<u>23</u>	20/
<u>7</u>	20/	<u>24</u>	20/
<u>8</u>	20/	<u>25</u>	20/
<u>9</u>	20/	<u>26</u>	20/
<u>10</u>	20/	<u>27</u>	20/
<u>11</u>	20/	<u>28</u>	20/
<u>12</u>	20/	<u>29</u>	20/
<u>13</u>	20/	<u>30</u>	20/
<u>14</u>	20/	<u>31</u>	20/
<u>15</u>	20/	<u>32</u>	20/
<u>16</u>	20/	<u>33</u>	20/
<u>17</u>	20/	<u>34</u>	20/

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- 1) Using the vision data for the class, what is the average or “normal” vision?

- 2) Why do you think new technologies for your classroom should be based on the class average for eyesight?

- 3) You are an engineer who is designing an electronic message board in the classroom for the teacher to use for homework reminders, upcoming events for the school, and important class news. Using the average eyesight data for the class, brainstorm and design what the message board will look like and where in the classroom it should be placed. Draw a picture of your design in the space below.

