


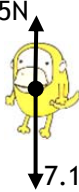
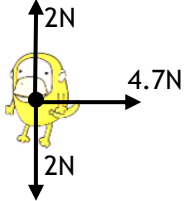
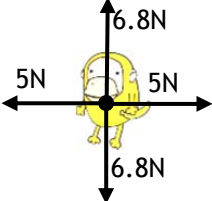
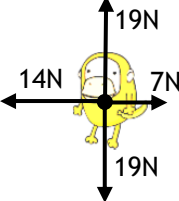
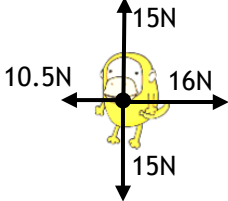
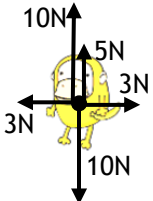
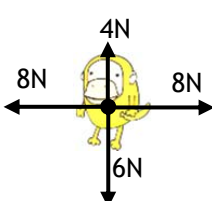
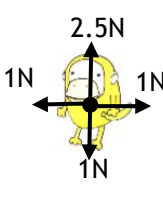
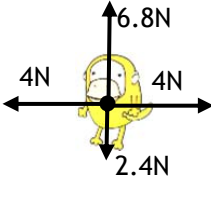

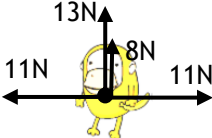
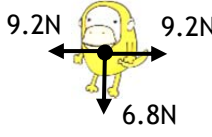
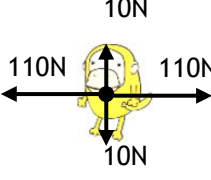
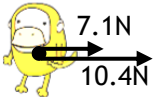
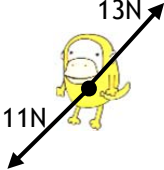
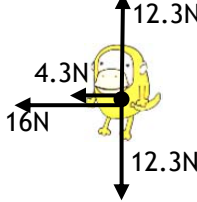
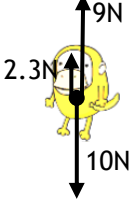
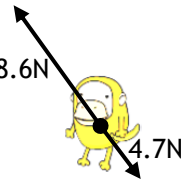
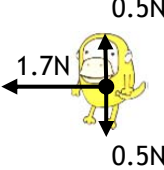
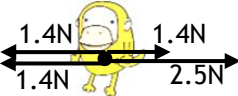
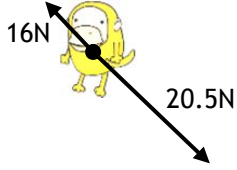


Free Body Diagram Practice



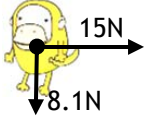

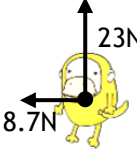
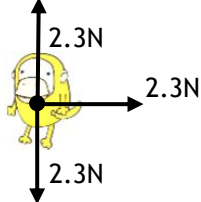
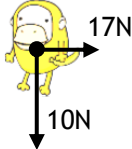
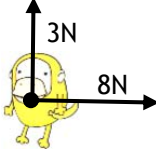
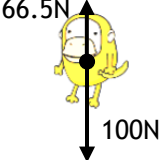
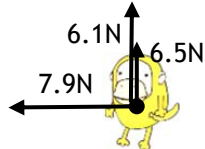
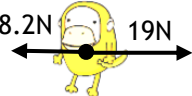


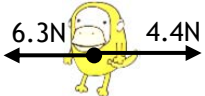


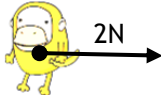
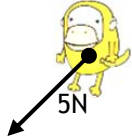
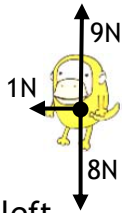
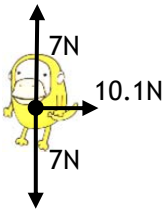

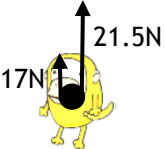
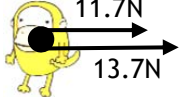
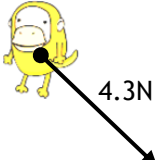
I Hate Yellow Monkeys

Name _____
1 2 3 4 5 6 7 8


For the yellow monkeys below, give the total force. Be sure to give both amount and direction!

<p>1</p>  <p>$\Sigma F =$</p>	<p>2</p>  <p>$\Sigma F =$</p>	<p>3</p>  <p>$\Sigma F =$</p>	<p>4</p>  <p>$\Sigma F =$</p>
<p>5</p>  <p>$\Sigma F =$</p>	<p>6</p>  <p>$\Sigma F =$</p>	<p>7</p>  <p>$\Sigma F =$</p>	<p>8</p>  <p>$\Sigma F =$</p>
<p>9</p>  <p>$\Sigma F =$</p>	<p>10</p>  <p>$\Sigma F =$</p>	<p>11</p>  <p>$\Sigma F =$</p>	<p>12</p>  <p>$\Sigma F =$</p>
<p>13</p>  <p>$\Sigma F =$</p>	<p>14</p>  <p>$\Sigma F =$</p>	<p>15</p>  <p>$\Sigma F =$</p>	<p>16</p>  <p>$\Sigma F =$</p>
<p>17</p>  <p>$\Sigma F =$</p>	<p>18</p>  <p>$\Sigma F =$</p>	<p>19</p>  <p>$\Sigma F =$</p>	<p>20</p>  <p>$\Sigma F =$</p>
<p>21</p>  <p>$\Sigma F =$</p>	<p>22</p>  <p>$\Sigma F =$</p>	<p>23</p>  <p>$\Sigma F =$</p>	<p>24</p>  <p>$\Sigma F =$</p>









For the following yellow monkeys, draw in ONE force so that the total force matches what is given.

<p>25</p>  <p>$\Sigma F = 4\text{N down}$</p>	<p>26</p>  <p>$\Sigma F = 8\text{N down}$</p>	<p>27</p>  <p>$\Sigma F = 15\text{N east}$</p>	<p>28</p>  <p>$\Sigma F = 16\text{N South}$</p>
<p>29</p>  <p>$\Sigma F = 23\text{N up}$</p>	<p>30</p>  <p>$\Sigma F = 42\text{N right}$</p>	<p>31</p>  <p>$\Sigma F = 10\text{N down}$</p>	<p>32</p>  <p>$\Sigma F = 3\text{N North}$</p>
<p>33</p>  <p>$\Sigma F = 16\text{N up}$</p>	<p>34</p>  <p>$\Sigma F = 7.9\text{N west}$</p>	<p>35</p>  <p>$\Sigma F = 9\text{N right}$</p>	<p>36</p>  <p>$\Sigma F = 0\text{N}$</p>
<p>37</p>  <p>$\Sigma F = 48\text{N Northwest}$</p>	<p>38</p>  <p>$\Sigma F = 0\text{N}$</p>	<p>39</p>  <p>$\Sigma F = 4\text{N down}$</p>	<p>40</p>  <p>$\Sigma F = 15.2\text{N north}$</p>
<p>41</p>  <p>$\Sigma F = 5.1\text{N left}$</p>	<p>42</p>  <p>$\Sigma F = 6\text{N Southwest}$</p>	<p>43</p>  <p>$\Sigma F = 1\text{N left}$</p>	<p>44</p>  <p>$\Sigma F = 18\text{N east}$</p>
<p>45</p>  <p>$\Sigma F = 3\text{N north}$</p>	<p>46</p>  <p>$\Sigma F = 2\text{N down}$</p>	<p>47</p>  <p>$\Sigma F = 4\text{N east}$</p>	<p>48</p>  <p>$\Sigma F = 0\text{N}$</p>









For the following yellow monkeys, draw in ONE force so that the total matches the given total force.

49  $\Sigma F = 3N$ south	50  $\Sigma F = 7N$ left	51  $\Sigma F = 1N$ up	52  $\Sigma F = 11N$ down
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For the following Yellow monkeys, draw in TWO forces so that the total matches the given total force.

53  $\Sigma F = 12 N$ down	54  $\Sigma F = 19 N$ east	55  $\Sigma F = 2N$ right	56  $\Sigma F = 18N$ down
57  $\Sigma F = 6N$ left	58  $\Sigma F = 4N$ west	59  $\Sigma F = 12N$ right	60  $\Sigma F = 15N$ up

For the following Yellow Monkeys, draw in THREE forces so that the total matches the given total force.

61  $\Sigma F = 1N$ right	62  $\Sigma F = 9N$ south	63  $\Sigma F = 10N$ down	64  $\Sigma F = 8N$ left
65  $\Sigma F = 4N$ right	66  $\Sigma F = 100N$ up	67  $\Sigma F = 50N$ left	68  $\Sigma F = 28N$ north

For the following Yellow Monkeys, draw FOUR forces so that the total matches the given total force.

69  $\Sigma F = 20 N$ west	70  $\Sigma F = 0N$	71  $\Sigma F = 2N$ up	72  $\Sigma F = 6N$ right
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