

Europe

<p>Pairs of numbers that make 3, 4 and 5</p> <p>3+0, 2+1 (in any order) 4+0, 3+1, 2+2 5+0 4+1, 3+2</p>	<p>Tell me a pair of numbers that make 3/4/5...and another.</p> <p>What goes with 3 to make 5? etc...</p>
<p>Counting to 10 in 1s</p> <p>1-10</p> <p>6,7,8,9,10</p> <p>4,5,6,7</p>	<p>Count up to 10.</p> <p>Start from 6 and count up to 10. (Pick different starting and finishing numbers)</p>
<p>Counting back in 1s from 10</p> <p>10-1</p> <p>10,9,8,7,6,5</p> <p>7,6,5,4,3</p>	<p>Count backwards from 10.</p> <p>Start from 10 and stop at 5. (Pick different starting and finishing numbers)</p>

Asia

<p>Pairs of numbers that make 9 and 10</p> <p>9+0, 8+1, 7+2, 6+3, 5+4 10+0, 9+1, 8+2, 7+3, 6+4, 5+5</p>	<p>Tell me a pair of numbers that make 9/10...and another.</p> <p>What goes with 7 to make 9? etc...</p>
<p>Counting to 100 in 1s</p> <p>23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40</p>	<p>Count up to 100.</p> <p>Start from 23 and count up to 40.</p> <p>(Pick different starting and finishing numbers)</p>
<p>Counting back in 1s from 100</p> <p>85,84,83,82,81,80,79,78,77,76,75,74,73,72,71,70,69,68,67,66,65,64,63,62,61,60,59,58</p>	<p>Count back from 100.</p> <p>Start from 85 and count back to 58.</p> <p>(Pick different starting and finishing numbers)</p>

Africa

<p>Pairs of numbers that make 6, 7 and 8</p> <p>6+0, 5+1, 4+2, 3+3 7+0, 6+1, 5+2, 4+3 8+0, 7+1, 6+2, 5+3, 4+4</p>	<p>Tell me a pair of numbers that make 6/7/8...and another.</p> <p>What goes with 3 to make 7? etc...</p>
<p>Counting to 20 in 1s</p> <p>1-20</p> <p>14,15,16,17,18,19,20</p> <p>8,9,10,11,12,13,14,15</p>	<p>Count up to 20.</p> <p>Start from 14 and count up to 20. (Pick different starting and finishing numbers)</p>
<p>Counting back in 1s from 20</p> <p>20-1</p> <p>20,19,18,17,16,15, 14, 13, 12</p> <p>17,16,15,14,13,12,11</p>	<p>Count backwards from 20.</p> <p>Start from 20 and stop at 12. (Pick different starting and finishing numbers)</p>

Oceania

<p>Doubles of numbers to 5</p> <p>Double 1 = 2 Double 2 = 4 Double 3 = 6 Double 4 = 8 Double 5 = 10</p>	<p>What is:</p> <p>Double 4? Double 3? Double 1? Double 5? Double 2?</p>
<p>Counting to 50 in 2s</p> <p>2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50</p> <p>14,16,18,20,22,24,26,28,30,32,34,36,38</p>	<p>Count up in 2s to 50, starting from 0.</p> <p>Count up in 2s from any starting number that is a multiple of 2.</p>
<p>Counting to 100 in 10s</p> <p>0,10,20,30,40,50,60,70,80,90,100</p> <p>100,90,80,70,60,50,40,30,20,10,0</p>	<p>Start at 0 and count on in 10s. (Repeat for different multiples of 10 - ask children to stop when they reach the 90s)</p>

North America

<p>Counting back from 100 in 10s</p> <p>100,90,80,70,60,50,40,30,20,10,0</p> <p>80,70,60,50,40,30</p>	<p>Start at 100 and count back in 10s. (Repeat starting at different multiples of 10)</p>
<p>Counting to 50 in 5s</p> <p>5,10,15,20,25,30,35,40,45,50</p> <p>20,25,30,35,40,45,50</p>	<p>Count up in 5s to 50, starting from 0.</p> <p>Count up in 5s from any starting number that is a multiple of 5.</p>
<p>Doubles of numbers to 10 (Including the doubles of numbers to 5 in the Oceania challenge, plus these others)</p> <p>Double 6 = 12 Double 7 = 14 Double 8 = 16 Double 9 = 18 Double 10 = 20</p>	<p>What is:</p> <p>Double 4? Double 3? Double 8? Double 5? Double 10? Double 6? Double 9? Double 7? Double 2? Double 1?</p>

South America

<p>Counting on in 10s from any number to 100 2,12,22,32,42,52,62 72,82,92</p> <p>27,37,47,57,67,77 87,97</p> <p>46,56,66,76,86,96</p>	<p>Start at 2 and count on in 10s.</p> <p>(Repeat for the numbers: 27 and 46 - ask children to stop when they reach the 90s)</p>
<p>Pairs of numbers that make 20</p> <p>0+20, 1+19, 2+18, 3+17, 4+16, 5+15, 6+14, 7+13, 8+12, 9+11, 10+10</p>	<p>Tell me a pair of numbers that make 20...and another.</p> <p>'What goes with 13 to make 20?' 'What goes with 2 to make 20? etc.</p>
<p>Telling the time to o'clock and half past the hour</p> <p>When the long (minute) hand points at the 12, it is an o'clock time. When the long (minute) hand points at the 6, it is a half past time. 4 o'clock 5 o'clock</p> <p>Half past 5</p> <p>The number 6</p>	<p>Using a clock face, can the child tell the time when it is: Any o'clock time? Any half past time?</p> <p>The long hand is pointing at the 12 and the short hand is pointing at the 4. What time is it? What time will it be in an hour?</p> <p>When the hour hand is half way between the 5 and 6, what time is it? Which number will the minute hand be pointing at?</p>

Antarctica

<p>Counting back in 10s from any number up to 100 84,74,64,54,44,34, 24,14,4</p> <p>79,69,59,49,39,29 19,9</p> <p>81,71,61,51,41,31 21,11,1</p>	<p>Start at 84 and count back in 10s until you reach a single digit number. (Repeat for the numbers: 79 and 81)</p>
<p>Recall 2 times table facts</p> <p>16, 8 20, 18, 0, 4 14, 20, 2 6, 12</p> <p>What is double 7? 9?</p>	<p>Recall the 2 times table in order from 0x2 to 10x2. What is: 8x2, 4x2, 5x2, 9x2, 0x2, 2x2, 7x2, 10x2, 1x2, 3x2, 6x2?</p> <p>Relate this back to doubling</p>
<p>Telling the time to quarter past and quarter to the hour</p> <p>When the long (minute) hand points at the 3, it is a quarter past time. When the long (minute) hand points at the 9, it is a quarter to time.</p> <p>Quarter past 4</p> <p>Quarter past 5</p>	<p>Using a clock face, can the child tell the time when it is: Any quarter past time? Any quarter to time?</p> <p>The long hand is pointing at the 3 and the short hand is pointing just past the 4. What time is it? What time will it be in an hour?</p> <p>The minute hand is pointing at the 9 and the hour hand is about to get to the 10. What time is it? What time will it be in an hour?</p>
<p>Quarter to 10. Quarter to 11.</p>	

Globetrotter

<p>Know pairs of numbers that make 100</p> <p>0+100, 10+90, 20+80, 30+70, 40+60, 50+50</p> <p>Random order: 30+70, 50+50, 20+80, 40+60, 10+90, 0+100</p> <p>5+95, 15+85, 25+75, 35+65, 45+55</p>	<p>Start with multiples of 10. What goes with 10 to make 100? 60? 50? 20? etc.</p> <p>What do you know about 2+8 and 20+80? If you know that 6+4=10, what do you think goes with 60 to make 100?</p> <p>Find pairs of numbers that are multiples of 5 to make 100</p> <p>Ask question like 'What goes with 25 to make 100?'</p>
<p>Recall 10 times table facts</p> <p>80, 40, 50, 90 0, 20, 70 100, 10 30, 60</p>	<p>Recall the 10 times table in order from 0x10 to 10x10. What is: 8x10, 4x10, 5x10, 9x10, 0x10, 2x10, 7x10, 10x10, 1x10, 3x10, 6x10 ?</p>
<p>Recall 5 times table facts</p> <p>40, 20 25, 0, 45 10, 35, 50 5, 15, 30</p>	<p>Recall the 5 times table in order from 0x5 to 10x5. What is: 8x5, 4x5, 5x5, 0x5, 9x5, 2x5, 7x5, 10x5, 1x5, 3x5, 6x5 ?</p>

Space Explorer

<p>Recall division facts for 2 times table $20 \div 2, 18 \div 2,$ $16 \div 2, 14 \div 2, 12 \div 2,$ $10 \div 2, 8 \div 2, 6 \div 2, 4 \div 2,$ $2 \div 2, 0 \div 2$</p> <p>3 10, 6, 0 4, 7, 1 9, 2, 8 5</p>	<p>Reciting division facts in order: Ask: Why do we only start with even numbers?</p> <p>In random order: What is: $6 \div 2,$ $20 \div 2, 12 \div 2, 0 \div 2,$ $8 \div 2, 14 \div 2, 2 \div 2,$ $18 \div 2, 4 \div 2, 16 \div 2,$ $10 \div 2 ?$</p>
<p>Recall division facts for 10 times table $100 \div 10, 90 \div 10,$ $80 \div 10, 70 \div 10, 60 \div 10,$ $50 \div 10, 40 \div 10, 30 \div 10,$ $20 \div 10, 10 \div 10, 0 \div 10$</p> <p>6 1, 8 3, 0 7, 4 10, 2 5, 9</p>	<p>Reciting division facts in order:</p> <p>In random order: What is: $60 \div 10,$ $10 \div 10, 80 \div 10,$ $30 \div 10, 0 \div 10,$ $70 \div 10, 40 \div 10,$ $100 \div 10, 20 \div 10,$ $50 \div 10, 90 \div 10 ?$</p>
<p>Recall division facts for 5 times table $50 \div 5, 45 \div 5, 40 \div 5,$ $40 \div 5, 35 \div 5, 30 \div 5,$ $25 \div 5, 20 \div 5, 15 \div 5,$ $10 \div 5, 5 \div 5, 0 \div 5$</p> <p>3 10, 6, 0 4, 7, 1 9, 2, 8 5</p>	<p>Reciting division facts in order:</p> <p>In random order: What is: $6 \div 2,$ $20 \div 2, 12 \div 2, 0 \div 2,$ $8 \div 2, 14 \div 2, 2 \div 2,$ $18 \div 2, 4 \div 2, 16 \div 2,$ $10 \div 2 ?$</p>

Deep Sea Discovery

<p>Counting to and back to 30 in 3s 0, 3, 6, 9, 12, 15, 18, 21 24, 27, 30</p> <p>30, 27, 24, 21, 18, 15 12, 9, 6, 3, 0</p> <p>15, 18, 21, 24, 27 21, 18, 15, 12, 9, 6</p>	<p>Count up in 3s to 30, starting from 0.</p> <p>Count back in 3s from 30 to 0.</p> <p>Start from different starting numbers that are a multiple of 3</p>
<p>Count on and back in steps of $\frac{1}{4}$ from any starting number</p> <p>$\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4},$ $1\frac{1}{2}, 1\frac{3}{4}, 2, 2\frac{1}{4}...$</p> <p>10, $9\frac{3}{4}, 9\frac{1}{2}, 9\frac{1}{4}, 9,$ $8\frac{3}{4}, 8\frac{1}{2}, 8\frac{1}{4}, 8...$</p> <p>$7\frac{1}{4}, 7\frac{1}{2}, 7\frac{3}{4}, 8, 8\frac{1}{4}, 8\frac{1}{2}$</p>	<p>Ask child to count 0 - 10 in steps of $\frac{1}{4}$</p> <p>Ask child to count backward 10 - 0 in steps of $\frac{1}{4}$</p> <p>Ask child to count forward and backward from different starting points</p>
<p>Telling the time to five minute intervals past and to the hour Minute hand is on the 1 (5 past), minute hand on the 2 (10 past), minute hand on the 4 (20 past), minute hand on the 5 (25 past) times.</p> <p>Minute hand is on the 7 (25 to), minute hand on the 8 (20 to), minute hand on the 10 (10 to), minute hand on the 11 (5 to) times.</p> <p>10 past 4. 10 past 5.</p> <p>5 to 10. 5 to 11.</p>	<p>Using a clock face, can the child tell the time when it is: 5 minute intervals past? Any time? 5 minute intervals to any time?</p> <p>The long hand is pointing at the 2 and the short hand is pointing just past the 4. What time is it? What time will it be in an hour?</p> <p>The minute hand is pointing at the 11 and the hour hand is about to get to the 10. What time is it? What time will it be in an hour?</p>