



## **Mental Math World Cup 2024**

### **Practice Sheet-1 Answer Key**

#### **Challenger Category (Ages 6-8)**

$1 \times 0 = \mathbf{0}$

$2 \times 0 = \mathbf{0}$

$3 \times 0 = \mathbf{0}$

$1 \times 1 = \mathbf{1}$

$2 \times 1 = \mathbf{2}$

$3 \times 1 = \mathbf{3}$

$1 \times 2 = \mathbf{2}$

$2 \times 2 = \mathbf{4}$

$3 \times 2 = \mathbf{6}$

$1 \times 3 = \mathbf{3}$

$2 \times 3 = \mathbf{6}$

$3 \times 3 = \mathbf{9}$

$1 \times 4 = \mathbf{4}$

$2 \times 4 = \mathbf{8}$

$3 \times 4 = \mathbf{12}$

$1 \times 5 = \mathbf{5}$

$2 \times 5 = \mathbf{10}$

$3 \times 5 = \mathbf{15}$

$1 \times 6 = \mathbf{6}$

$2 \times 6 = \mathbf{12}$

$3 \times 6 = \mathbf{18}$

$1 \times 7 = \mathbf{7}$

$2 \times 7 = \mathbf{14}$

$3 \times 7 = \mathbf{21}$

$1 \times 8 = \mathbf{8}$

$2 \times 8 = \mathbf{16}$

$3 \times 8 = \mathbf{24}$

$1 \times 9 = \mathbf{9}$

$2 \times 9 = \mathbf{18}$

$3 \times 9 = \mathbf{27}$

$1 \times 10 = \mathbf{10}$

$2 \times 10 = \mathbf{20}$

$3 \times 10 = \mathbf{30}$

$1 \times 11 = \mathbf{11}$

$2 \times 11 = \mathbf{22}$

$3 \times 11 = \mathbf{33}$

$1 \times 12 = \mathbf{12}$

$2 \times 12 = \mathbf{24}$

$3 \times 12 = \mathbf{36}$



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#### **Challenger Category (Ages 6-8)**

$4 \times 0 = \mathbf{0}$

$5 \times 0 = \mathbf{0}$

$6 \times 0 = \mathbf{0}$

$4 \times 1 = \mathbf{4}$

$5 \times 1 = \mathbf{5}$

$6 \times 1 = \mathbf{6}$

$4 \times 2 = \mathbf{8}$

$5 \times 2 = \mathbf{10}$

$6 \times 2 = \mathbf{12}$

$4 \times 3 = \mathbf{12}$

$5 \times 3 = \mathbf{15}$

$6 \times 3 = \mathbf{18}$

$4 \times 4 = \mathbf{16}$

$5 \times 4 = \mathbf{20}$

$6 \times 4 = \mathbf{24}$

$4 \times 5 = \mathbf{20}$

$5 \times 5 = \mathbf{25}$

$6 \times 5 = \mathbf{30}$

$4 \times 6 = \mathbf{24}$

$5 \times 6 = \mathbf{30}$

$6 \times 6 = \mathbf{36}$

$4 \times 7 = \mathbf{28}$

$5 \times 7 = \mathbf{35}$

$6 \times 7 = \mathbf{42}$

$4 \times 8 = \mathbf{32}$

$5 \times 8 = \mathbf{40}$

$6 \times 8 = \mathbf{48}$

$4 \times 9 = \mathbf{36}$

$5 \times 9 = \mathbf{45}$

$6 \times 9 = \mathbf{54}$

$4 \times 10 = \mathbf{40}$

$5 \times 10 = \mathbf{50}$

$6 \times 10 = \mathbf{60}$

$4 \times 11 = \mathbf{44}$

$5 \times 11 = \mathbf{55}$

$6 \times 11 = \mathbf{66}$

$4 \times 12 = \mathbf{48}$

$5 \times 12 = \mathbf{60}$

$6 \times 12 = \mathbf{72}$



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#### **Challenger Category (Ages 6-8)**

$7 \times 0 = \mathbf{0}$

$8 \times 0 = \mathbf{0}$

$9 \times 0 = \mathbf{0}$

$7 \times 1 = \mathbf{7}$

$8 \times 1 = \mathbf{8}$

$9 \times 1 = \mathbf{9}$

$7 \times 2 = \mathbf{14}$

$8 \times 2 = \mathbf{16}$

$9 \times 2 = \mathbf{18}$

$7 \times 3 = \mathbf{21}$

$8 \times 3 = \mathbf{24}$

$9 \times 3 = \mathbf{27}$

$7 \times 4 = \mathbf{28}$

$8 \times 4 = \mathbf{32}$

$9 \times 4 = \mathbf{36}$

$7 \times 5 = \mathbf{35}$

$8 \times 5 = \mathbf{40}$

$9 \times 5 = \mathbf{45}$

$7 \times 6 = \mathbf{42}$

$8 \times 6 = \mathbf{48}$

$9 \times 6 = \mathbf{54}$

$7 \times 7 = \mathbf{49}$

$8 \times 7 = \mathbf{56}$

$9 \times 7 = \mathbf{63}$

$7 \times 8 = \mathbf{56}$

$8 \times 8 = \mathbf{64}$

$9 \times 8 = \mathbf{72}$

$7 \times 9 = \mathbf{63}$

$8 \times 9 = \mathbf{72}$

$9 \times 9 = \mathbf{81}$

$7 \times 10 = \mathbf{70}$

$8 \times 10 = \mathbf{80}$

$9 \times 10 = \mathbf{90}$

$7 \times 11 = \mathbf{77}$

$8 \times 11 = \mathbf{88}$

$9 \times 11 = \mathbf{99}$

$7 \times 12 = \mathbf{84}$

$8 \times 12 = \mathbf{96}$

$9 \times 12 = \mathbf{108}$



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#### **Challenger Category (Ages 6-8)**

$10 \times 0 = \mathbf{0}$

$11 \times 0 = \mathbf{0}$

$12 \times 0 = \mathbf{0}$

$10 \times 1 = \mathbf{10}$

$11 \times 1 = \mathbf{11}$

$12 \times 1 = \mathbf{12}$

$10 \times 2 = \mathbf{20}$

$11 \times 2 = \mathbf{22}$

$12 \times 2 = \mathbf{24}$

$10 \times 3 = \mathbf{30}$

$11 \times 3 = \mathbf{33}$

$12 \times 3 = \mathbf{36}$

$10 \times 4 = \mathbf{40}$

$11 \times 4 = \mathbf{44}$

$12 \times 4 = \mathbf{48}$

$10 \times 5 = \mathbf{50}$

$11 \times 5 = \mathbf{55}$

$12 \times 5 = \mathbf{60}$

$10 \times 6 = \mathbf{60}$

$11 \times 6 = \mathbf{66}$

$12 \times 6 = \mathbf{72}$

$10 \times 7 = \mathbf{70}$

$11 \times 7 = \mathbf{77}$

$12 \times 7 = \mathbf{84}$

$10 \times 8 = \mathbf{80}$

$11 \times 8 = \mathbf{88}$

$12 \times 8 = \mathbf{96}$

$10 \times 9 = \mathbf{90}$

$11 \times 9 = \mathbf{99}$

$12 \times 9 = \mathbf{108}$

$10 \times 10 = \mathbf{100}$

$11 \times 10 = \mathbf{110}$

$12 \times 10 = \mathbf{120}$

$10 \times 11 = \mathbf{110}$

$11 \times 11 = \mathbf{121}$

$12 \times 11 = \mathbf{132}$

$10 \times 12 = \mathbf{120}$

$11 \times 12 = \mathbf{132}$

$12 \times 12 = \mathbf{144}$