

***FINGERLESS FACTS:  
Division***



***This math facts test book belongs to***



Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of only problems attempted</small>
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## Level A

(Dividends to 25; Divisors to 5; 20 Quotients)

$3 \overline{)6}$	$5 \overline{)20}$	$3 \overline{)9}$	$2 \overline{)10}$	$5 \overline{)15}$
$2 \overline{)4}$	$4 \overline{)8}$	$3 \overline{)15}$	$4 \overline{)16}$	$4 \overline{)4}$
$3 \div 1 =$	$12 \div 3 =$	$25 \div 5 =$	$6 \div 2 =$	$10 \div 5 =$
$20 \div 4 =$	$8 \div 2 =$	$2 \div 2 =$	$5 \div 1 =$	$12 \div 4 =$

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## Level B, Test 1

(Dividends to 50; Divisors to 5; 20 Quotients)

$4 \overline{) 12}$	$1 \overline{) 2}$	$5 \overline{) 20}$	$5 \overline{) 5}$	$5 \overline{) 30}$	$5 \overline{) 40}$
$12 \div 2 =$	$12 \div 3 =$	$35 \div 5 =$	$24 \div 4 =$	$7 \div 1 =$	$27 \div 3 =$
$16 \div 2 =$	$3 \div 3 =$	$21 \div 3 =$	$18 \div 2 =$		

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## Level B, Test 2

(Dividends to 50; Divisors to 5; 20 Quotients)

$2 \overline{)4}$	$5 \overline{)15}$	$4 \overline{)28}$	$3 \overline{)24}$	$2 \overline{)8}$
$4 \overline{)32}$	$5 \overline{)50}$	$2 \overline{)20}$	$4 \overline{)8}$	$5 \overline{)25}$
$18 \div 2 =$	$8 \div 1 =$	$9 \div 1 =$	$6 \div 3 =$	$1 \div 1 =$
$24 \div 4 =$	$35 \div 5 =$	$40 \div 4 =$	$18 \div 3 =$	$45 \div 5 =$

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### Level B, Test 3

(Dividends to 50; Divisors to 5; 20 Quotients)

$1 \overline{)10}$	$1 \overline{)6}$	$3 \overline{)27}$	$4 \overline{)16}$	$4 \overline{)32}$	$9 \div 3 =$	$4 \div 1 =$	$16 \div 2 =$	$21 \div 3 =$	$30 \div 5 =$	$40 \div 4 =$
$3 \overline{)24}$	$4 \overline{)28}$	$2 \overline{)20}$	$3 \overline{)15}$	$4 \overline{)20}$	$36 \div 4 =$	$6 \div 2 =$	$30 \div 3 =$	$30 \div 5 =$	$40 \div 5 =$	

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level B, Test 4

(Dividends to 50; Divisors to 5; 20 Quotients)

$2 \overline{)10}$	$2 \overline{)14}$	$3 \overline{)30}$	$5 \overline{)10}$	$5 \overline{)25}$
$3 \overline{)3}$	$2 \overline{)12}$	$1 \overline{)6}$	$4 \overline{)28}$	$4 \overline{)4}$
$12 \div 4 =$	$2 \div 2 =$	$6 \div 3 =$	$45 \div 5 =$	$40 \div 4 =$
$50 \div 5 =$	$18 \div 2 =$	$5 \div 5 =$	$18 \div 3 =$	$8 \div 2 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level B, Test 5

(Dividends to 50; Divisors to 5; 20 Quotients)

1 $\overline{) 7}$	3 $\overline{) 12}$	5 $\overline{) 40}$	2 $\overline{) 14}$	4 $\overline{) 16}$
5 $\overline{) 20}$	2 $\overline{) 12}$	3 $\overline{) 21}$	3 $\overline{) 27}$	4 $\overline{) 32}$
15 $\div 5 =$	30 $\div 5 =$	5 $\div 1 =$	9 $\div 3 =$	10 $\div 2 =$
36 $\div 4 =$	35 $\div 5 =$	24 $\div 3 =$	4 $\div 2 =$	10 $\div 5 =$



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## Level C, Test 1

(Dividends to 81; Divisors to 9; 20 Quotients)

$8 \overline{)32}$	$6 \overline{)42}$	$7 \overline{)21}$	$2 \overline{)6}$	$4 \overline{)20}$
$9 \overline{)81}$	$5 \overline{)45}$	$4 \overline{)24}$	$3 \overline{)15}$	$2 \overline{)16}$
$6 \div 6 =$	$20 \div 2 =$	$8 \div 4 =$	$27 \div 9 =$	$9 \div 1 =$
$2 \div 2 =$	$48 \div 8 =$	$49 \div 7 =$	$27 \div 3 =$	$7 \div 7 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level C, Test 2

(Dividends to 81; Divisors to 9; 20 Quotients)

$4 \overline{)28}$	$9 \overline{)54}$	$6 \overline{)36}$	$2 \overline{)14}$	$5 \overline{)40}$
$2 \overline{)18}$	$3 \overline{)15}$	$4 \overline{)16}$	$8 \overline{)16}$	$5 \overline{)20}$
$12 \div 3 =$	$12 \div 4 =$	$5 \div 5 =$	$8 \div 1 =$	$6 \div 2 =$
$45 \div 9 =$	$56 \div 8 =$	$56 \div 7 =$	$18 \div 6 =$	$30 \div 5 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level C, Test 3

(Dividends to 81; Divisors to 9; 20 Quotients)

$9 \overline{)18}$	$7 \overline{)28}$	$8 \overline{)64}$	$4 \overline{)24}$	$3 \overline{)21}$
$2 \overline{)10}$	$5 \overline{)15}$	$6 \overline{)48}$	$3 \overline{)3}$	$9 \overline{)72}$
$3 \div 1 =$	$8 \div 2 =$	$9 \div 3 =$	$20 \div 4 =$	$25 \div 5 =$
$72 \div 8 =$	$30 \div 6 =$	$24 \div 3 =$	$36 \div 4 =$	$6 \div 3 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level C, Test 4

(Dividends to 81; Divisors to 9; 20 Quotients)

$7 \overline{)63}$	$8 \overline{)40}$	$9 \overline{)9}$	$4 \overline{)8}$	$5 \overline{)45}$	$6 \overline{)12}$	$7 \overline{)14}$	$2 \overline{)12}$	$5 \overline{)10}$	$6 \overline{)24}$	$18 \div 3 =$	$4 \div 2 =$	$2 \div 1 =$	$42 \div 7 =$	$36 \div 9 =$	$4 \div 1 =$	$8 \div 8 =$	$32 \div 4 =$	$35 \div 5 =$	$54 \div 6 =$
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## Level C, Test 5

(Dividends to 81; Divisors to 9; 20 Quotients)

$2 \overline{)16}$	$7 \overline{)35}$	$8 \overline{)24}$	$1 \overline{)9}$	$2 \overline{)2}$
$5 \overline{)25}$	$9 \overline{)81}$	$4 \overline{)28}$	$3 \overline{)27}$	$6 \overline{)48}$
$4 \div 4 =$	$42 \div 7 =$	$6 \div 1 =$	$40 \div 8 =$	$18 \div 2 =$
$45 \div 9 =$	$8 \div 4 =$	$4 \div 2 =$	$15 \div 3 =$	$56 \div 7 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /20	Accuracy: % <small>out of those problems attempted</small>
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## Level C, Test 6

(Dividends to 81; Divisors to 9; 20 Quotients)

$8 \overline{)24}$	$5 \overline{)10}$	$6 \overline{)24}$	$7 \overline{)21}$	$3 \overline{)21}$	$8 \overline{)24}$
$8 \overline{)64}$	$9 \overline{)18}$	$2 \overline{)12}$	$4 \overline{)36}$	$5 \overline{)45}$	$8 \overline{)64}$
$36 \div 6 =$	$6 \div 3 =$	$20 \div 4 =$	$63 \div 9 =$	$1 \div 1 =$	$36 \div 6 =$
$36 \div 9 =$	$35 \div 7 =$	$14 \div 2 =$	$35 \div 5 =$	$5 \div 1 =$	$36 \div 9 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /25	Accuracy: % <small>out of those problems attempted</small>
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## Level D, Test 1

(Dividends to 100; Divisors to 10; 25 Quotients)

$10 \overline{)80}$	$4 \overline{)16}$	$2 \overline{)20}$	$6 \overline{)18}$	$8 \overline{)48}$
$72 \div 9 =$	$16 \div 8 =$	$28 \div 7 =$	$7 \div 1 =$	$12 \div 3 =$
$4 \overline{)40}$	$7 \overline{)49}$	$6 \overline{)42}$	$10 \overline{)60}$	$5 \overline{)20}$
$32 \div 8 =$	$80 \div 8 =$	$16 \div 2 =$	$27 \div 9 =$	$9 \div 3 =$
$8 \overline{)56}$	$4 \overline{)12}$	$1 \overline{)10}$	$7 \overline{)14}$	$5 \overline{)15}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /25	Accuracy: % <small>out of those problems attempted</small>
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## Level D, Test 2

(Dividends to 100; Divisors to 10; 25 Quotients)

$8 \overline{) 72}$	$10 \overline{) 20}$	$5 \overline{) 50}$	$2 \overline{) 10}$	$9 \overline{) 54}$
$8 \div 2 =$	$8 \div 1 =$	$12 \div 6 =$	$18 \div 3 =$	$7 \div 7 =$
$7 \overline{) 63}$	$9 \overline{) 54}$	$10 \overline{) 100}$	$2 \overline{) 6}$	$3 \overline{) 12}$
$6 \div 6 =$	$4 \div 1 =$	$30 \div 6 =$	$24 \div 3 =$	$24 \div 4 =$
$5 \overline{) 40}$	$5 \overline{) 30}$	$1 \overline{) 3}$	$2 \overline{) 20}$	$4 \overline{) 32}$



Date:	Time Started:	Time Stopped:	# Attempted:	Score: /25	Accuracy: % <small>out of those problems attempted</small>
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## Level D, Test 3

(Dividends to 100; Divisors to 10; 25 Quotients)

$6 \overline{)54}$	$3 \overline{)30}$	$10 \overline{)90}$	$5 \overline{)50}$	$4 \overline{)40}$
$8 \div 8 =$	$35 \div 5 =$	$10 \div 10 =$	$9 \div 3 =$	$36 \div 9 =$
$10 \overline{)40}$	$7 \overline{)14}$	$8 \overline{)64}$	$6 \overline{)42}$	$4 \overline{)36}$
$18 \div 2 =$	$9 \div 9 =$	$20 \div 4 =$	$10 \div 2 =$	$3 \div 3 =$
$7 \overline{)35}$	$6 \overline{)24}$	$9 \overline{)54}$	$8 \overline{)24}$	$6 \overline{)60}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /25	Accuracy: % <small>out of those problems attempted</small>
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## Level D, Test 4

(Dividends to 100; Divisors to 10; 25 Quotients)

$8 \overline{)40}$	$6 \overline{)24}$	$9 \overline{)81}$	$9 \overline{)90}$	$3 \overline{)21}$
$25 \div 5 =$	$6 \div 1 =$	$4 \div 4 =$	$24 \div 8 =$	$4 \div 2 =$
$10 \overline{)30}$	$8 \overline{)80}$	$7 \overline{)49}$	$4 \overline{)28}$	$5 \overline{)15}$
$56 \div 7 =$	$14 \div 2 =$	$15 \div 3 =$	$2 \div 1 =$	$8 \div 8 =$
$6 \overline{)12}$	$9 \overline{)18}$	$4 \overline{)24}$	$5 \overline{)10}$	$5 \overline{)5}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /25	Accuracy: % <small>out of those problems attempted</small>
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## Level D, Test 5

(Dividends to 100; Divisors to 10; 25 Quotients)

$4 \overline{)16}$	$6 \overline{)48}$	$7 \overline{)28}$	$8 \overline{)48}$	$2 \overline{)12}$
$5 \div 1 =$	$8 \div 2 =$	$63 \div 9 =$	$63 \div 7 =$	$8 \div 4 =$
$10 \overline{)100}$	$5 \overline{)50}$	$8 \overline{)16}$	$6 \overline{)18}$	$3 \overline{)27}$
$20 \div 5 =$	$7 \div 1 =$	$2 \div 2 =$	$6 \div 2 =$	$54 \div 6 =$
$7 \overline{)70}$	$9 \overline{)9}$	$6 \overline{)30}$	$3 \overline{)18}$	$4 \overline{)12}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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## Level E, Test 1

(Divisors to 120; Divisors to 12; 30 Quotients)

$11 \overline{) 77}$	$6 \div 6 =$	$12 \overline{) 72}$	$72 \div 9 =$	$8 \overline{) 72}$	$72 \div 9 =$
$9 \overline{) 72}$	$56 \div 8 =$	$11 \overline{) 44}$	$40 \div 8 =$	$12 \overline{) 48}$	$40 \div 5 =$
$12 \overline{) 96}$	$40 \div 4 =$	$10 \overline{) 50}$	$7 \div 7 =$	$11 \overline{) 110}$	$7 \div 7 =$
$2 \overline{) 16}$	$6 \div 3 =$	$4 \overline{) 32}$	$1 \div 1 =$	$9 \overline{) 27}$	$1 \div 1 =$
$10 \overline{) 70}$	$8 \div 2 =$	$3 \overline{) 24}$	$36 \div 6 =$	$3 \overline{) 12}$	$36 \div 6 =$
$5 \overline{) 30}$	$42 \div 7 =$	$7 \overline{) 21}$	$32 \div 8 =$	$2 \overline{) 20}$	$32 \div 8 =$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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## Level E, Test 2

(Dividends to 120; Divisors to 12; 30 Quotients)

$9 \overline{)45}$	$8 \overline{)32}$	$5 \overline{)45}$	$3 \overline{)30}$	$11 \overline{)22}$	$4 \overline{)36}$
$21 \div 3 =$	$8 \div 2 =$	$9 \div 1 =$	$30 \div 5 =$	$49 \div 7 =$	$12 \div 6 =$
$12 \overline{)120}$	$8 \overline{)56}$	$4 \overline{)20}$	$9 \overline{)54}$	$12 \overline{)60}$	$8 \overline{)64}$
$10 \div 1 =$	$9 \div 3 =$	$35 \div 7 =$	$36 \div 6 =$	$40 \div 5 =$	$45 \div 9 =$
$2 \overline{)16}$	$2 \overline{)18}$	$4 \overline{)32}$	$5 \overline{)25}$	$10 \overline{)40}$	$11 \overline{)11}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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### Level E, Test 3

(Dividends to 120; Divisors to 12; 30 Quotients)

$3 \overline{) 12}$	$8 \div 8 =$	$11 \overline{) 99}$	$42 \div 6 =$	$10 \overline{) 90}$
$7 \overline{) 28}$	$35 \div 5 =$	$7 \overline{) 14}$	$56 \div 7 =$	$12 \overline{) 84}$
$12 \overline{) 36}$	$4 \div 2 =$	$9 \overline{) 27}$	$8 \div 1 =$	$12 \overline{) 12}$
$9 \overline{) 72}$	$15 \div 3 =$	$4 \overline{) 12}$	$10 \div 2 =$	$6 \overline{) 18}$
$6 \overline{) 48}$	$24 \div 8 =$	$6 \overline{) 54}$	$18 \div 3 =$	$3 \overline{) 27}$
$4 \overline{) 24}$	$16 \div 8 =$	$5 \overline{) 45}$	$50 \div 5 =$	$8 \overline{) 32}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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## Level E, Test 4

(Dividends to 120; Divisors to 12; 30 Quotients)

$9 \overline{)18}$	$10 \overline{)20}$	$8 \overline{)72}$	$2 \overline{)14}$	$7 \overline{)42}$	$11 \overline{)33}$
$2 \div 2 =$	$20 \div 5 =$	$30 \div 3 =$	$21 \div 7 =$	$40 \div 8 =$	$36 \div 9 =$
$12 \overline{)108}$	$2 \overline{)12}$	$4 \overline{)16}$	$10 \overline{)60}$	$11 \overline{)55}$	$8 \overline{)48}$
$9 \div 9 =$	$4 \div 1 =$	$60 \div 6 =$	$10 \div 5 =$	$63 \div 7 =$	$20 \div 2 =$
$10 \overline{)70}$	$12 \overline{)24}$	$6 \overline{)24}$	$4 \overline{)28}$	$5 \overline{)15}$	$9 \overline{)63}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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## Level E, Test 5

(Dividends to 120; Divisors to 12; 30 Quotients)

$7 \overline{)70}$	$9 \overline{)81}$	$10 \overline{)80}$	$11 \overline{)66}$	$3 \overline{)24}$	$12 \overline{)96}$
$6 \div 2 =$	$8 \div 4 =$	$6 \div 3 =$	$63 \div 9 =$	$5 \div 1 =$	$3 \div 3 =$
$6 \overline{)30}$	$10 \overline{)30}$	$8 \overline{)32}$	$11 \overline{)88}$	$7 \overline{)56}$	$10 \overline{)10}$
$40 \div 4 =$	$30 \div 6 =$	$4 \div 4 =$	$35 \div 5 =$	$9 \div 3 =$	$45 \div 5 =$
$4 \overline{)28}$	$8 \overline{)40}$	$9 \overline{)72}$	$2 \overline{)8}$	$11 \overline{)99}$	$12 \overline{)108}$



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## Level E, Test 6

(Dividends to 120; Divisors to 12; 30 Quotients)

$7 \overline{)21}$	$4 \overline{)16}$	$12 \overline{)60}$	$6 \overline{)54}$	$3 \overline{)27}$	$9 \overline{)27}$
$7 \div 1 =$	$5 \div 5 =$	$90 \div 9 =$	$81 \div 9 =$	$80 \div 8 =$	$6 \div 2 =$
$11 \overline{)55}$	$10 \overline{)50}$	$4 \overline{)36}$	$2 \overline{)18}$	$6 \overline{)36}$	$5 \overline{)40}$
$20 \div 4 =$	$18 \div 3 =$	$35 \div 7 =$	$12 \div 4 =$	$12 \div 6 =$	$48 \div 8 =$
$12 \overline{)36}$	$2 \overline{)14}$	$5 \overline{)20}$	$9 \overline{)36}$	$7 \overline{)42}$	$8 \overline{)56}$

Date:	Time Started:	Time Stopped:	# Attempted:	Score: /30	Accuracy: % <small>out of those problems attempted</small>
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## Level E, Test 7

(Dividends to 120; Divisors to 12; 30 Quotients)

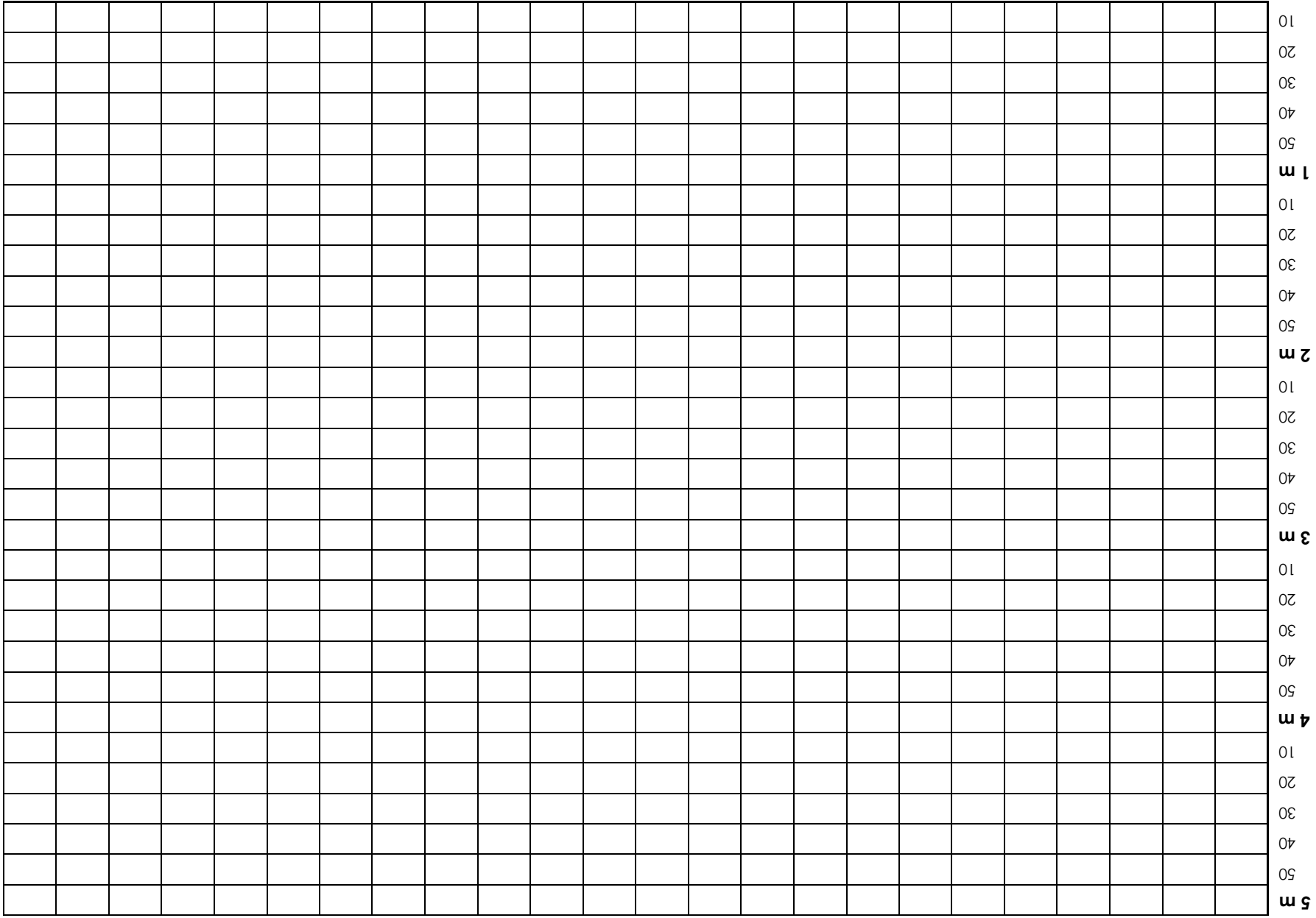
$6 \overline{)24}$	$7 \div 7 =$	$6 \overline{)42}$	$40 \div 4 =$	$3 \overline{)12}$
$9 \overline{)45}$	$18 \div 9 =$	$11 \overline{)88}$	$6 \div 6 =$	$2 \overline{)16}$
$5 \overline{)30}$	$21 \div 3 =$	$8 \overline{)72}$	$54 \div 9 =$	$6 \overline{)18}$
$7 \overline{)49}$	$24 \div 4 =$	$12 \overline{)72}$	$24 \div 8 =$	$9 \overline{)63}$
$8 \overline{)64}$	$25 \div 5 =$	$3 \overline{)15}$	$28 \div 7 =$	$12 \overline{)24}$
$3 \overline{)24}$	$32 \div 4 =$	$6 \overline{)48}$	$12 \div 2 =$	$7 \overline{)63}$







# *Graph Your Speed*



Dates or Test Numbers



See also our *Fingerless Facts Memorization Booklets* for Addition, Subtraction and Multiplication. Download them all (and more) for free from *Montessori Math Cards*. For more information go to [www.montessorimathcards.com](http://www.montessorimathcards.com) or email [info@montessorimathcards.com](mailto:info@montessorimathcards.com).



# Fingerless Facts Memorization Tests

Designed by Mark Powell, Montessori Math Cards © 2003

**Story Problem: Decimals x Whole Numbers**  
The average American uses 378.54 liters of water each day. Only 7.57 liters of that go to drinking and cooking. We use twice that amount on washing dishes! Most of our water usage goes on flushing the toilet - about 86.85 liters per person per day! If the population of the US is 275 million, how many liters of water are flushed daily?

**Story Problem: Decimals + Powers of Ten**  
All ten of the oldest people ever have been women. Jeanne Louise Calment was a French supercentenarian with the longest confirmed lifespan. She outlived both her daughter and grandson by 124.5 years. How many decades old was Jeanne Louise when she died?

**Story Problem: Fractions x Whole Numbers**  
Approximately one quarter of people are left-handed. If you have 100 left-handed people, how many more right-handed people are there?

**Story Problem: Mixed Nos.**  
Human hair has a growth rate of about  $1\frac{1}{2}$  centimeters per month. After 6 months, how long would your hair be if you didn't cut it?

**Story Problem: Squares of Binomials**  
The Manhattan skyline is a famous example of a square grid. The distance from the top of the Empire State Building to the top of the United Nations Secretariat Building is 1000 feet. How long is the side of the square grid?

**Story Problem: Fractions**  
If you wanted to make a pie with 10 slices, how many more slices would you need to make a whole pie?

**Story Problem: Decimals to Fractions**  
The decimal system used for books is based on powers of ten. Write the decimal 0.25 as a fraction.

**Story Problem: Whole Numbers**  
The average American home built in 2013 was 241,549 square feet. How many square feet are there in 1000 such homes?

**Story Problem: Ratios and Proportions**  
One inch is equivalent to 2.54 centimeters. How many inches are there in 10 centimeters?

**Story Problem: Squares of Binomials**  
If you've ever flown into an airport, you know that the runways are paved with concrete. The area of a square runway is 100,000 square feet. How long is one side of the runway?

**Story Problem: Probability**  
Two players are playing Rock, Paper, Scissors (sometimes called Rock, Paper, Scissors). What is the probability of either player winning one round? What is the probability of either player winning three rounds?