Division practice for 6 year olds

This module is part of the original MMBasic library. It is reproduced here with kind permission of Hugh Buckle and Geoff Graham. Be aware it may reference functionality which has changed or is deprecated in the latest versions of MMBasic.

DIVTEST.BAS

```
    ' Division practice for 6 year olds
    ' Author: YT2059 on The Back Shed forum
    ' Line numbers removed and DO loops added by Hugh Buckle

    Do
      CLS
      RANDOMIZE TIMER
      a=INT(RND(1)*91)+10
      b=INT(RND(1)*10)+1
      c=a/b
      m=a MOD b

      Do
        Do
          PRINT a " /" b " =";
          INPUT d
          IF INT(c)<> d then Gosub Wrong
        Loop until INT(c)=d

         PRINT "remainder= ";
         INPUT r
         IF r<> m then Gosub Wrong
       Loop until r=m

     GOsub Excellent
    Loop

Excellent:
    REM well done
    PRINT " "
    PRINT "Well Done!"
    FOR i = 20 TO 200 STEP 10
      FOR q=20 TO 2000 STEP i
        SOUND q,10,50
        PAUSE 10
      NEXT q
    NEXT i
    Return

Wrong:
    REM Wrong
```

```
    PRINT "Wrong, Try again."
    PRINT " "
    FOR q=2000 TO 20 STEP -40
      SOUND q,10,50
      PAUSE 10
    NEXT q
    Return
```

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Last update: **2024/01/19 09:39**