

Internal Assessment Grade Calculator (with intelligent auto fill features)

[illegible]

[illegible]

Control Cell

Keep or stop changing grades

1

[illegible]

Intelligent Internal Grade Calculator

Developed by: Abbas vattoli

Instructions for use

1. This grade calculator allow you to give the overall Internal grade of a student and let the
2. Excel automatically refresh the grade combinations every time you click on any cell.
3. if you want to try another grade combinations for different internal components and ju
4. Once you r happy with the grade combinations, to stop further automatic refresh pleas
5. But please remember once the controle cell is set to 1 it stops random grade allocation
6. It is not supposed to be used by a good teacher. It is only for lazy lectures who do not v
7. for clarifications please email me @ abbasvattoli@yahoo.com

excel to randomly allocate grades to various components of internal assessment.

Just re-enter the overall grade and continue until you are satisfied with combination

ie change the value of control cell to 0(zero). Once zero is entered there it no more refresh that row.

1. So even if you change the overall grade it wont recalculate. So in such case please reset control cell

want to spent time on assigning different grades to different internal components and arrive at the final

to 1 and then change the overall grade
al grade

A	A	A	A	A	20	4 A
A	A	A	A	B	19	3.8 A
A	A	A	A	C	18	3.6 A
A	A	A	B	A	19	3.8 A
A	A	A	B	B	18	3.6 A
A	A	A	C	A	18	3.6 A
A	A	B	A	A	19	3.8 A
A	A	B	A	B	18	3.6 A
A	A	B	B	A	18	3.6 A
A	A	C	A	A	18	3.6 A
A	B	A	A	A	19	3.8 A
A	B	A	A	B	18	3.6 A
A	B	A	B	A	18	3.6 A
A	B	B	A	A	18	3.6 A
A	C	A	A	A	18	3.6 A
B	A	A	A	A	19	3.8 A
B	A	A	A	B	18	3.6 A
B	A	A	B	A	18	3.6 A
B	A	B	A	A	18	3.6 A
B	B	A	A	A	18	3.6 A
C	A	A	A	A	18	3.6 A
A	A	A	A	D	17	3.4 B
A	A	A	B	C	17	3.4 B
A	A	A	B	D	16	3.2 B
A	A	A	C	B	17	3.4 B
A	A	A	C	C	16	3.2 B
A	A	A	C	D	15	3 B
A	A	A	D	A	17	3.4 B
A	A	A	D	B	16	3.2 B
A	A	A	D	C	15	3 B
A	A	A	D	D	14	2.8 B
A	A	B	A	C	17	3.4 B
A	A	B	A	D	16	3.2 B
A	A	B	B	B	17	3.4 B
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A	A	B	D	D	13	2.6 B
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A	A	C	A	D	15	3 B
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C	A	A	A	B	17	3.4 B
C	A	A	A	C	16	3.2 B
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C	D	B	B	A	13	2.6 B
C	D	C	A	A	13	2.6 B
D	A	A	A	A	17	3.4 B
D	A	A	A	B	16	3.2 B
D	A	A	A	C	15	3 B
D	A	A	A	D	14	2.8 B
D	A	A	B	A	16	3.2 B
D	A	A	B	B	15	3 B
D	A	A	B	C	14	2.8 B
D	A	A	B	D	13	2.6 B
D	A	A	C	A	15	3 B
D	A	A	C	B	14	2.8 B
D	A	A	C	C	13	2.6 B
D	A	A	D	A	14	2.8 B
D	A	A	D	B	13	2.6 B
D	A	B	A	A	16	3.2 B
D	A	B	A	B	15	3 B
D	A	B	A	C	14	2.8 B
D	A	B	A	D	13	2.6 B
D	A	B	B	A	15	3 B
D	A	B	B	B	14	2.8 B
D	A	B	B	C	13	2.6 B
D	A	B	C	A	14	2.8 B
D	A	B	C	B	13	2.6 B
D	A	B	D	A	13	2.6 B
D	A	C	A	A	15	3 B
D	A	C	A	B	14	2.8 B
D	A	C	A	C	13	2.6 B
D	A	C	B	A	14	2.8 B
D	A	C	B	B	13	2.6 B
D	A	C	C	A	13	2.6 B
D	A	D	A	A	14	2.8 B
D	A	D	A	B	13	2.6 B
D	A	D	B	A	13	2.6 B

D	B	A	A	A	16	3.2 B
D	B	A	A	B	15	3 B
D	B	A	A	C	14	2.8 B
D	B	A	A	D	13	2.6 B
D	B	A	B	A	15	3 B
D	B	A	B	B	14	2.8 B
D	B	A	B	C	13	2.6 B
D	B	A	C	A	14	2.8 B
D	B	A	C	B	13	2.6 B
D	B	A	D	A	13	2.6 B
D	B	B	A	A	15	3 B
D	B	B	A	B	14	2.8 B
D	B	B	A	C	13	2.6 B
D	B	B	B	A	14	2.8 B
D	B	B	B	B	13	2.6 B
D	B	B	C	A	13	2.6 B
D	B	C	A	A	14	2.8 B
D	B	C	A	B	13	2.6 B
D	B	C	B	A	13	2.6 B
D	B	D	A	A	13	2.6 B
D	C	A	A	A	15	3 B
D	C	A	A	B	14	2.8 B
D	C	A	A	C	13	2.6 B
D	C	A	B	A	14	2.8 B
D	C	A	B	B	13	2.6 B
D	C	A	C	A	13	2.6 B
D	C	B	A	A	14	2.8 B
D	C	B	A	B	13	2.6 B
D	C	B	B	A	13	2.6 B
D	C	C	A	A	13	2.6 B
D	D	A	A	A	14	2.8 B
D	D	A	A	B	13	2.6 B
D	D	A	B	A	13	2.6 B
D	D	B	A	A	13	2.6 B
A	A	C	D	D	12	2.4 C
A	A	D	C	D	12	2.4 C
A	A	D	D	C	12	2.4 C
A	A	D	D	D	11	2.2 C
A	B	B	D	D	12	2.4 C
A	B	C	C	D	12	2.4 C
A	B	C	D	C	12	2.4 C
A	B	C	D	D	11	2.2 C
A	B	D	B	D	12	2.4 C
A	B	D	C	C	12	2.4 C
A	B	D	C	D	11	2.2 C
A	B	D	D	B	12	2.4 C
A	B	D	D	C	11	2.2 C
A	B	D	D	D	10	2 C

A	C	A	D	D	12	2.4 C
A	C	B	C	D	12	2.4 C
A	C	B	D	C	12	2.4 C
A	C	B	D	D	11	2.2 C
A	C	C	B	D	12	2.4 C
A	C	C	C	C	12	2.4 C
A	C	C	C	D	11	2.2 C
A	C	C	D	B	12	2.4 C
A	C	C	D	C	11	2.2 C
A	C	C	D	D	10	2 C
A	C	D	A	D	12	2.4 C
A	C	D	B	C	12	2.4 C
A	C	D	B	D	11	2.2 C
A	C	D	C	B	12	2.4 C
A	C	D	C	C	11	2.2 C
A	C	D	C	D	10	2 C
A	C	D	D	A	12	2.4 C
A	C	D	D	B	11	2.2 C
A	C	D	D	C	10	2 C
A	C	D	D	D	9	1.8 C
A	D	A	C	D	12	2.4 C
A	D	A	D	C	12	2.4 C
A	D	A	D	D	11	2.2 C
A	D	B	B	D	12	2.4 C
A	D	B	C	C	12	2.4 C
A	D	B	C	D	11	2.2 C
A	D	B	D	B	12	2.4 C
A	D	B	D	C	11	2.2 C
A	D	B	D	D	10	2 C
A	D	C	A	D	12	2.4 C
A	D	C	B	C	12	2.4 C
A	D	C	B	D	11	2.2 C
A	D	C	C	B	12	2.4 C
A	D	C	C	C	11	2.2 C
A	D	C	C	D	10	2 C
A	D	C	D	A	12	2.4 C
A	D	C	D	B	11	2.2 C
A	D	C	D	C	10	2 C
A	D	C	D	D	9	1.8 C
A	D	D	A	C	12	2.4 C
A	D	D	A	D	11	2.2 C
A	D	D	B	B	12	2.4 C
A	D	D	B	C	11	2.2 C
A	D	D	B	D	10	2 C
A	D	D	C	A	12	2.4 C
A	D	D	C	B	11	2.2 C
A	D	D	C	C	10	2 C
A	D	D	C	D	9	1.8 C

A	D	D	D	A	11	2.2 C
A	D	D	D	B	10	2 C
A	D	D	D	C	9	1.8 C
A	D	D	D	D	8	1.6 C
B	A	B	D	D	12	2.4 C
B	A	C	C	D	12	2.4 C
B	A	C	D	C	12	2.4 C
B	A	C	D	D	11	2.2 C
B	A	D	B	D	12	2.4 C
B	A	D	C	C	12	2.4 C
B	A	D	C	D	11	2.2 C
B	A	D	D	B	12	2.4 C
B	A	D	D	C	11	2.2 C
B	A	D	D	D	10	2 C
B	B	A	D	D	12	2.4 C
B	B	B	C	D	12	2.4 C
B	B	B	D	C	12	2.4 C
B	B	B	D	D	11	2.2 C
B	B	C	B	D	12	2.4 C
B	B	C	C	C	12	2.4 C
B	B	C	C	D	11	2.2 C
B	B	C	D	B	12	2.4 C
B	B	C	D	C	11	2.2 C
B	B	C	D	D	10	2 C
B	B	D	A	D	12	2.4 C
B	B	D	B	C	12	2.4 C
B	B	D	B	D	11	2.2 C
B	B	D	C	B	12	2.4 C
B	B	D	C	C	11	2.2 C
B	B	D	C	D	10	2 C
B	B	D	D	A	12	2.4 C
B	B	D	D	B	11	2.2 C
B	B	D	D	C	10	2 C
B	B	D	D	D	9	1.8 C
B	C	A	C	D	12	2.4 C
B	C	A	D	C	12	2.4 C
B	C	A	D	D	11	2.2 C
B	C	B	B	D	12	2.4 C
B	C	B	C	C	12	2.4 C
B	C	B	C	D	11	2.2 C
B	C	B	D	B	12	2.4 C
B	C	B	D	C	11	2.2 C
B	C	B	D	D	10	2 C
B	C	C	A	D	12	2.4 C
B	C	C	B	C	12	2.4 C
B	C	C	B	D	11	2.2 C
B	C	C	C	B	12	2.4 C
B	C	C	C	C	11	2.2 C

B	C	C	C	D	10	2 C
B	C	C	D	A	12	2.4 C
B	C	C	D	B	11	2.2 C
B	C	C	D	C	10	2 C
B	C	C	D	D	9	1.8 C
B	C	D	A	C	12	2.4 C
B	C	D	A	D	11	2.2 C
B	C	D	B	B	12	2.4 C
B	C	D	B	C	11	2.2 C
B	C	D	B	D	10	2 C
B	C	D	C	A	12	2.4 C
B	C	D	C	B	11	2.2 C
B	C	D	C	C	10	2 C
B	C	D	C	D	9	1.8 C
B	C	D	D	A	11	2.2 C
B	C	D	D	B	10	2 C
B	C	D	D	C	9	1.8 C
B	C	D	D	D	8	1.6 C
B	D	A	B	D	12	2.4 C
B	D	A	C	C	12	2.4 C
B	D	A	C	D	11	2.2 C
B	D	A	D	B	12	2.4 C
B	D	A	D	C	11	2.2 C
B	D	A	D	D	10	2 C
B	D	B	A	D	12	2.4 C
B	D	B	B	C	12	2.4 C
B	D	B	B	D	11	2.2 C
B	D	B	C	B	12	2.4 C
B	D	B	C	C	11	2.2 C
B	D	B	C	D	10	2 C
B	D	B	D	A	12	2.4 C
B	D	B	D	B	11	2.2 C
B	D	B	D	C	10	2 C
B	D	B	D	D	9	1.8 C
B	D	C	A	C	12	2.4 C
B	D	C	A	D	11	2.2 C
B	D	C	B	B	12	2.4 C
B	D	C	B	C	11	2.2 C
B	D	C	B	D	10	2 C
B	D	C	C	A	12	2.4 C
B	D	C	C	B	11	2.2 C
B	D	C	C	C	10	2 C
B	D	C	C	D	9	1.8 C
B	D	C	D	A	11	2.2 C
B	D	C	D	B	10	2 C
B	D	C	D	C	9	1.8 C
B	D	C	D	D	8	1.6 C
B	D	D	A	B	12	2.4 C

B	D	D	A	C	11	2.2 C
B	D	D	A	D	10	2 C
B	D	D	B	A	12	2.4 C
B	D	D	B	B	11	2.2 C
B	D	D	B	C	10	2 C
B	D	D	B	D	9	1.8 C
B	D	D	C	A	11	2.2 C
B	D	D	C	B	10	2 C
B	D	D	C	C	9	1.8 C
B	D	D	C	D	8	1.6 C
B	D	D	D	A	10	2 C
B	D	D	D	B	9	1.8 C
B	D	D	D	C	8	1.6 C
C	A	A	D	D	12	2.4 C
C	A	B	C	D	12	2.4 C
C	A	B	D	C	12	2.4 C
C	A	B	D	D	11	2.2 C
C	A	C	B	D	12	2.4 C
C	A	C	C	C	12	2.4 C
C	A	C	C	D	11	2.2 C
C	A	C	D	B	12	2.4 C
C	A	C	D	C	11	2.2 C
C	A	C	D	D	10	2 C
C	A	D	A	D	12	2.4 C
C	A	D	B	C	12	2.4 C
C	A	D	B	D	11	2.2 C
C	A	D	C	B	12	2.4 C
C	A	D	C	C	11	2.2 C
C	A	D	C	D	10	2 C
C	A	D	D	A	12	2.4 C
C	A	D	D	B	11	2.2 C
C	A	D	D	C	10	2 C
C	A	D	D	D	9	1.8 C
C	B	A	C	D	12	2.4 C
C	B	A	D	C	12	2.4 C
C	B	A	D	D	11	2.2 C
C	B	B	B	D	12	2.4 C
C	B	B	C	C	12	2.4 C
C	B	B	C	D	11	2.2 C
C	B	B	D	B	12	2.4 C
C	B	B	D	C	11	2.2 C
C	B	B	D	D	10	2 C
C	B	C	A	D	12	2.4 C
C	B	C	B	C	12	2.4 C
C	B	C	B	D	11	2.2 C
C	B	C	C	B	12	2.4 C
C	B	C	C	C	11	2.2 C
C	B	C	C	D	10	2 C

C	B	C	D	A	12	2.4 C
C	B	C	D	B	11	2.2 C
C	B	C	D	C	10	2 C
C	B	C	D	D	9	1.8 C
C	B	D	A	C	12	2.4 C
C	B	D	A	D	11	2.2 C
C	B	D	B	B	12	2.4 C
C	B	D	B	C	11	2.2 C
C	B	D	B	D	10	2 C
C	B	D	C	A	12	2.4 C
C	B	D	C	B	11	2.2 C
C	B	D	C	C	10	2 C
C	B	D	C	D	9	1.8 C
C	B	D	D	A	11	2.2 C
C	B	D	D	B	10	2 C
C	B	D	D	C	9	1.8 C
C	B	D	D	D	8	1.6 C
C	C	A	B	D	12	2.4 C
C	C	A	C	C	12	2.4 C
C	C	A	C	D	11	2.2 C
C	C	A	D	B	12	2.4 C
C	C	A	D	C	11	2.2 C
C	C	A	D	D	10	2 C
C	C	B	A	D	12	2.4 C
C	C	B	B	C	12	2.4 C
C	C	B	B	D	11	2.2 C
C	C	B	C	B	12	2.4 C
C	C	B	C	C	11	2.2 C
C	C	B	C	D	10	2 C
C	C	B	D	A	12	2.4 C
C	C	B	D	B	11	2.2 C
C	C	B	D	C	10	2 C
C	C	B	D	D	9	1.8 C
C	C	C	A	C	12	2.4 C
C	C	C	A	D	11	2.2 C
C	C	C	B	B	12	2.4 C
C	C	C	B	C	11	2.2 C
C	C	C	B	D	10	2 C
C	C	C	C	A	12	2.4 C
C	C	C	C	B	11	2.2 C
C	C	C	C	C	10	2 C
C	C	C	C	D	9	1.8 C
C	C	C	D	A	11	2.2 C
C	C	C	D	B	10	2 C
C	C	C	D	C	9	1.8 C
C	C	C	D	D	8	1.6 C
C	C	D	A	B	12	2.4 C
C	C	D	A	C	11	2.2 C

C	C	D	A	D	10	2 C
C	C	D	B	A	12	2.4 C
C	C	D	B	B	11	2.2 C
C	C	D	B	C	10	2 C
C	C	D	B	D	9	1.8 C
C	C	D	C	A	11	2.2 C
C	C	D	C	B	10	2 C
C	C	D	C	C	9	1.8 C
C	C	D	C	D	8	1.6 C
C	C	D	D	A	10	2 C
C	C	D	D	B	9	1.8 C
C	C	D	D	C	8	1.6 C
C	D	A	A	D	12	2.4 C
C	D	A	B	C	12	2.4 C
C	D	A	B	D	11	2.2 C
C	D	A	C	B	12	2.4 C
C	D	A	C	C	11	2.2 C
C	D	A	C	D	10	2 C
C	D	A	D	A	12	2.4 C
C	D	A	D	B	11	2.2 C
C	D	A	D	C	10	2 C
C	D	A	D	D	9	1.8 C
C	D	B	A	C	12	2.4 C
C	D	B	A	D	11	2.2 C
C	D	B	B	B	12	2.4 C
C	D	B	B	C	11	2.2 C
C	D	B	B	D	10	2 C
C	D	B	C	A	12	2.4 C
C	D	B	C	B	11	2.2 C
C	D	B	C	C	10	2 C
C	D	B	C	D	9	1.8 C
C	D	B	D	A	11	2.2 C
C	D	B	D	B	10	2 C
C	D	B	D	C	9	1.8 C
C	D	B	D	D	8	1.6 C
C	D	C	A	B	12	2.4 C
C	D	C	A	C	11	2.2 C
C	D	C	A	D	10	2 C
C	D	C	B	A	12	2.4 C
C	D	C	B	B	11	2.2 C
C	D	C	B	C	10	2 C
C	D	C	B	D	9	1.8 C
C	D	C	C	A	11	2.2 C
C	D	C	C	B	10	2 C
C	D	C	C	C	9	1.8 C
C	D	C	C	D	8	1.6 C
C	D	C	D	A	10	2 C
C	D	C	D	B	9	1.8 C

C	D	C	D	C	8	1.6 C
C	D	D	A	A	12	2.4 C
C	D	D	A	B	11	2.2 C
C	D	D	A	C	10	2 C
C	D	D	A	D	9	1.8 C
C	D	D	B	A	11	2.2 C
C	D	D	B	B	10	2 C
C	D	D	B	C	9	1.8 C
C	D	D	B	D	8	1.6 C
C	D	D	C	A	10	2 C
C	D	D	C	B	9	1.8 C
C	D	D	C	C	8	1.6 C
C	D	D	D	A	9	1.8 C
C	D	D	D	B	8	1.6 C
D	A	A	C	D	12	2.4 C
D	A	A	D	C	12	2.4 C
D	A	A	D	D	11	2.2 C
D	A	B	B	D	12	2.4 C
D	A	B	C	C	12	2.4 C
D	A	B	C	D	11	2.2 C
D	A	B	D	B	12	2.4 C
D	A	B	D	C	11	2.2 C
D	A	B	D	D	10	2 C
D	A	C	A	D	12	2.4 C
D	A	C	B	C	12	2.4 C
D	A	C	B	D	11	2.2 C
D	A	C	C	B	12	2.4 C
D	A	C	C	C	11	2.2 C
D	A	C	C	D	10	2 C
D	A	C	D	A	12	2.4 C
D	A	C	D	B	11	2.2 C
D	A	C	D	C	10	2 C
D	A	C	D	D	9	1.8 C
D	A	D	A	C	12	2.4 C
D	A	D	A	D	11	2.2 C
D	A	D	B	B	12	2.4 C
D	A	D	B	C	11	2.2 C
D	A	D	B	D	10	2 C
D	A	D	C	A	12	2.4 C
D	A	D	C	B	11	2.2 C
D	A	D	C	C	10	2 C
D	A	D	C	D	9	1.8 C
D	A	D	D	A	11	2.2 C
D	A	D	D	B	10	2 C
D	A	D	D	C	9	1.8 C
D	A	D	D	D	8	1.6 C
D	B	A	B	D	12	2.4 C
D	B	A	C	C	12	2.4 C

D	B	A	C	D	11	2.2 C
D	B	A	D	B	12	2.4 C
D	B	A	D	C	11	2.2 C
D	B	A	D	D	10	2 C
D	B	B	A	D	12	2.4 C
D	B	B	B	C	12	2.4 C
D	B	B	B	D	11	2.2 C
D	B	B	C	B	12	2.4 C
D	B	B	C	C	11	2.2 C
D	B	B	C	D	10	2 C
D	B	B	D	A	12	2.4 C
D	B	B	D	B	11	2.2 C
D	B	B	D	C	10	2 C
D	B	B	D	D	9	1.8 C
D	B	C	A	C	12	2.4 C
D	B	C	A	D	11	2.2 C
D	B	C	B	B	12	2.4 C
D	B	C	B	C	11	2.2 C
D	B	C	B	D	10	2 C
D	B	C	C	A	12	2.4 C
D	B	C	C	B	11	2.2 C
D	B	C	C	C	10	2 C
D	B	C	C	D	9	1.8 C
D	B	C	D	A	11	2.2 C
D	B	C	D	B	10	2 C
D	B	C	D	C	9	1.8 C
D	B	C	D	D	8	1.6 C
D	B	D	A	B	12	2.4 C
D	B	D	A	C	11	2.2 C
D	B	D	A	D	10	2 C
D	B	D	B	A	12	2.4 C
D	B	D	B	B	11	2.2 C
D	B	D	B	C	10	2 C
D	B	D	B	D	9	1.8 C
D	B	D	C	A	11	2.2 C
D	B	D	C	B	10	2 C
D	B	D	C	C	9	1.8 C
D	B	D	C	D	8	1.6 C
D	B	D	D	A	10	2 C
D	B	D	D	B	9	1.8 C
D	B	D	D	C	8	1.6 C
D	C	A	A	D	12	2.4 C
D	C	A	B	C	12	2.4 C
D	C	A	B	D	11	2.2 C
D	C	A	C	B	12	2.4 C
D	C	A	C	C	11	2.2 C
D	C	A	C	D	10	2 C
D	C	A	D	A	12	2.4 C

D	C	A	D	B	11	2.2 C
D	C	A	D	C	10	2 C
D	C	A	D	D	9	1.8 C
D	C	B	A	C	12	2.4 C
D	C	B	A	D	11	2.2 C
D	C	B	B	B	12	2.4 C
D	C	B	B	C	11	2.2 C
D	C	B	B	D	10	2 C
D	C	B	C	A	12	2.4 C
D	C	B	C	B	11	2.2 C
D	C	B	C	C	10	2 C
D	C	B	C	D	9	1.8 C
D	C	B	D	A	11	2.2 C
D	C	B	D	B	10	2 C
D	C	B	D	C	9	1.8 C
D	C	B	D	D	8	1.6 C
D	C	C	A	B	12	2.4 C
D	C	C	A	C	11	2.2 C
D	C	C	A	D	10	2 C
D	C	C	B	A	12	2.4 C
D	C	C	B	B	11	2.2 C
D	C	C	B	C	10	2 C
D	C	C	B	D	9	1.8 C
D	C	C	C	A	11	2.2 C
D	C	C	C	B	10	2 C
D	C	C	C	C	9	1.8 C
D	C	C	C	D	8	1.6 C
D	C	C	D	A	10	2 C
D	C	C	D	B	9	1.8 C
D	C	C	D	C	8	1.6 C
D	C	D	A	A	12	2.4 C
D	C	D	A	B	11	2.2 C
D	C	D	A	C	10	2 C
D	C	D	A	D	9	1.8 C
D	C	D	B	A	11	2.2 C
D	C	D	B	B	10	2 C
D	C	D	B	C	9	1.8 C
D	C	D	B	D	8	1.6 C
D	C	D	C	A	10	2 C
D	C	D	C	B	9	1.8 C
D	C	D	C	C	8	1.6 C
D	C	D	D	A	9	1.8 C
D	C	D	D	B	8	1.6 C
D	D	A	A	C	12	2.4 C
D	D	A	A	D	11	2.2 C
D	D	A	B	B	12	2.4 C
D	D	A	B	C	11	2.2 C
D	D	A	B	D	10	2 C

D	D	A	C	A	12	2.4 C
D	D	A	C	B	11	2.2 C
D	D	A	C	C	10	2 C
D	D	A	C	D	9	1.8 C
D	D	A	D	A	11	2.2 C
D	D	A	D	B	10	2 C
D	D	A	D	C	9	1.8 C
D	D	A	D	D	8	1.6 C
D	D	B	A	B	12	2.4 C
D	D	B	A	C	11	2.2 C
D	D	B	A	D	10	2 C
D	D	B	B	A	12	2.4 C
D	D	B	B	B	11	2.2 C
D	D	B	B	C	10	2 C
D	D	B	B	D	9	1.8 C
D	D	B	C	A	11	2.2 C
D	D	B	C	B	10	2 C
D	D	B	C	C	9	1.8 C
D	D	B	C	D	8	1.6 C
D	D	B	D	A	10	2 C
D	D	B	D	B	9	1.8 C
D	D	B	D	C	8	1.6 C
D	D	C	A	A	12	2.4 C
D	D	C	A	B	11	2.2 C
D	D	C	A	C	10	2 C
D	D	C	A	D	9	1.8 C
D	D	C	B	A	11	2.2 C
D	D	C	B	B	10	2 C
D	D	C	B	C	9	1.8 C
D	D	C	B	D	8	1.6 C
D	D	C	C	A	10	2 C
D	D	C	C	B	9	1.8 C
D	D	C	C	C	8	1.6 C
D	D	C	D	A	9	1.8 C
D	D	C	D	B	8	1.6 C
D	D	D	A	A	11	2.2 C
D	D	D	A	B	10	2 C
D	D	D	A	C	9	1.8 C
D	D	D	A	D	8	1.6 C
D	D	D	B	A	10	2 C
D	D	D	B	B	9	1.8 C
D	D	D	B	C	8	1.6 C
D	D	D	C	A	9	1.8 C
D	D	D	C	B	8	1.6 C
D	D	D	D	A	8	1.6 C
B	D	D	D	D	7	1.4 D
C	C	D	D	D	7	1.4 D
C	D	C	D	D	7	1.4 D

C	D	D	C	D	7	1.4 D
C	D	D	D	C	7	1.4 D
C	D	D	D	D	6	1.2 D
D	B	D	D	D	7	1.4 D
D	C	C	D	D	7	1.4 D
D	C	D	C	D	7	1.4 D
D	C	D	D	C	7	1.4 D
D	C	D	D	D	6	1.2 D
D	D	B	D	D	7	1.4 D
D	D	C	C	D	7	1.4 D
D	D	C	D	C	7	1.4 D
D	D	C	D	D	6	1.2 D
D	D	D	B	D	7	1.4 D
D	D	D	C	C	7	1.4 D
D	D	D	C	D	6	1.2 D
D	D	D	D	B	7	1.4 D
D	D	D	D	C	6	1.2 D
D	D	D	D	D	5	1 D
E	E	E	E	E	0	0 E
E	E	E	E	C	2	0.4 E
E	E	E	E	D	1	0.2 E
E	E	E	C	E	2	0.4 E
E	E	E	D	E	1	0.2 E
E	E	C	E	E	2	0.4 E
E	E	D	E	E	1	0.2 E
E	C	E	E	E	2	0.4 E
E	D	E	E	E	1	0.2 E
C	E	E	E	E	2	0.4 E
D	E	E	E	E	1	0.2 E
E	E	E	E	E	0	0 E

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